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Lancaster Farming

VOL. 26 No. 38 | Lancaster Farming, Saturday, July 18,1981 | $7.50 Per Year

Gov. Thornburgh pins a "You've Got a Friend in Pa." button on the coveralls of Ross Snider, who is proudly being held by Grandpa Obie Snider, of Imler, Bedford County. The governor visited the Sniders' Singing Brook Farm on Thursday night to meet and talk with farm leaders from Bedford and surrounding counties.

Governor visits 'country'

BY DICK ANGLESTEIN

IMLER — Twenty-month-old Ross Thomas Snider, of Imler, Bedford County, has a friend in Pennsylvania.

He has a bright red and white button to prove it.

And what's more the friend who gave it to him Thursday night is a special one.

Ross' friend is Gov. Dick Thornburgh, who visited Grandpa Obie Snider's dairy farm nestled in a lush mountain valley about 10 miles north of Bedford.

The governor's visit to Singing Brook Farm, well known in Holstein breeding circles throughout the state and beyond, was part of a three-day trip to the "country," which combined some tourist promotion and first-person meetings with farmers and agricultural groups.

After stops at Chambersburg and Old Bedford Village earlier in the day for speaking engagements and "pressing the flesh," Governor Thornburgh, accompanied by Secretary of Agriculture Penrose Hallowell, pulled up the long lane to the large farmstead nestled among some 1100 cultivated and wooded acres to begin a whirlwind stopover, which included a walk-through tour, steak barbecue and an opportunity to talk with farm leaders from Bedford and surrounding counties.

A special cow was brought out to be introduced to the governor and secretary at the start of the tour.

She's Singing Brook Astro Betty, a four-year-old being consigned by the Sniders to the Penn State Ag Arena Fund Raising Sale scheduled at the Farm Show Building on December 11.

"She produced 20,000 pounds as a three-year-old," Snider explained.

"Her dam was the all-Pennsylvania aged cow two years ago at the State Holstein Show."

"How much do you think she'll bring?" the governor asked.

"I'm going to open the bidding at ten thousand," Hallowell quipped.

Betty's dam is Singing Brook BT Betsy, who also took first in owned

(Turn to Page A28)

COLUMNS

Editorials, A10; Now is the time, A10; Ask the VMD, B7; Ida's Notebook, C4; Joyce Bupp's column, C5; Ladies have you heard?, C9; Farm Talk, D4; That's a Good Question, D9.

HOME AND YOUTH

Homestead Notes, C2; Home on the Range, C6; Farm Women Societies, C7; Kid's Korner, C12; 4-H, C13; FFA, C21; National Berkshire Queen, C23.

DAIRY

Sun area dairy princess, C10; Dairy couple earns trip, C31; Bradford DHIA, D11; Huntingdon DHIA, D17; Adams DHIA, D20.

Inside This Week's...

Holstein breeders learn the do's and don'ts about marketing their cattle...A34.

Apiarists had something to buzz about last week at the Tri-County Beekeepers meeting A22.

Forty-three dairy princesses make quite a royal showing...C18

The latest in jewelry and hats for cows—will it start a trend? See page C16.

Maryland co-op considers merger

BY DONNA TOMMELLEO

BALTIMORE, Md. — A spokesperson for the Maryland Cooperative Milk Producers announced Thursday, that the co-op is considering a possible merger with Dairymen Incorporated, a large Southeasten cooperative.

At the MCMP annual meeting last year, members commissioned the board to look into a consolidation with several cooperatives.

"After extensive study, the Board and management feel that Dairymen Inc. is the best alternative when considering the long-range welfare of our dairy farmer members," said MCMP business manager, R.L. Strock.

"Dairymen Inc.," explained Strock, "is a progressive organization which carries with it a strong Class I marketing plan."

The large co-op, which currently has some 6800 members, markets a great deal of its milk in an area of increasing population — the nation's Sunbelt, said MCMP Public Relations Director Susie Richburg.

Richburg explained the possible merger would be actually a purchase. She said if approved, Dairymen Inc. would purchase MCMP's assets and the Maryland co-op and its 1200 members would become the Middle Atlantic Division of Dairymen Inc.

Therefore, Richburg said, the move technically would be a purchase and not a merger.

"Historically, mergers have been brought about by organizations in financial difficulty. This is not the case."

She strongly pointed out that both organizations are on "firm financial footing."

In addition to the larger co-op's financial strength, Richburg said, corporate marketing expertise and innovative marketing activities played a large part in selection.

One such innovative move is the upcoming Dairymen Inc. Ultra High Temperature plant. The manufacturing of UHT (sterile) milk will allow the co-op to market internationally.

The large co-op has also established a cull cow program to eliminate surplus milk. The Management Efficiency program, removes cull cows from the market and consequently creates a more stable market by not flooding it, explained Richburg.

MCMP is presently conducting local "shade tree" meetings. Members are provided with the consolidation details, slide presentations and may elect to vote at that time.

District 7 director, Emory Kilgore, York County, conducted a local meeting Wednesday night and found the member response quite positive.

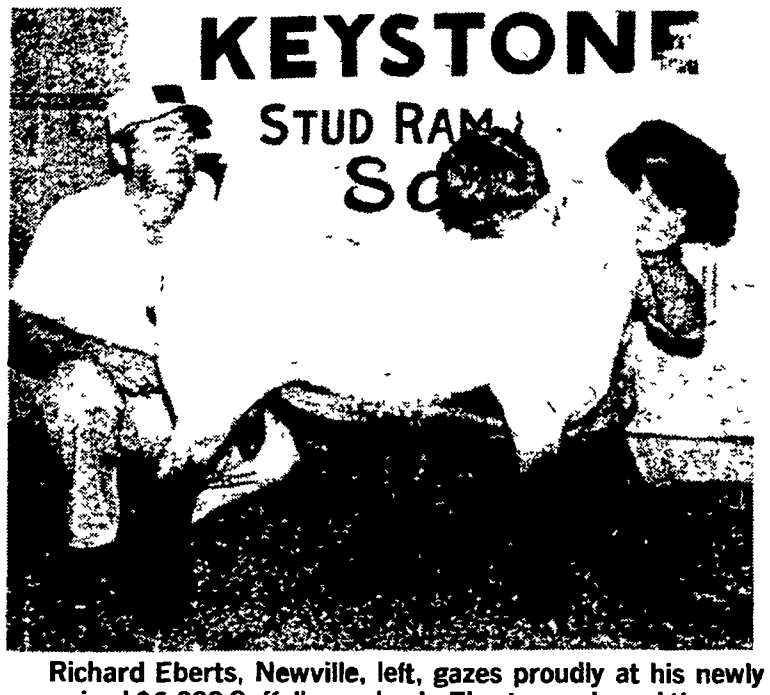
He said he felt the consolidation would ease the financial burden on individual members by spreading costs out over a larger number of people.

Following the local meetings, MCMP plans to move the formal district meetings to August rather than October said Richburg. The entire co-op is expected to vote on the proposal at a special meeting on August 24 at the Hunt Valley Inn. Richburg explained that a two-thirds yes vote is necessary to pass the measure.

If passed, she said she doesn't anticipate a cumbersome transition process due to the larger co-op's centralized policy which allows for local division policy-setting.

"There will not be a lot of head chopping. It will be a smooth transition."

Suffolk ram breaks record, brings $6 grand



Richard Eberts, Newville, left, gazes proudly at his newly acquired $6,000 Suffolk ram lamb. Eberts purchased the ram from Alan Culham, Dansville, Michigan, during the 33rd Keystone Stud Ram and Ewe Sale held at the Farm Show Complex last Saturday. See show results, A34.

BY SHEILA MILLER

HARRISBURG — A January junior ram lamb created quite a stir at last Saturday's Keystone Stud Ram and Ewe Sale, held here at the Farm Show Complex. This Suffolk ram, consigned by 25-year-old Alan Culham of Dansville, Michigan, topped the sale and set a record by bringing a grand price of $6,000.

To bring that kind of price, the ram must have been the grand champion Suffolk — right?

Surprisingly, show judges Ron Guenther of Columbus, Ohio and Rollie Rosenboom of Clifton, Illinois didn't see it that way. They placed this junior lamb in third position — right behind the grand and reserve grand champs who fetched price tags of $350 and $425 respectively.

Sired by Quasar MSU 79-50 out of A&B Culham 293, this ram lamb caught the eye of E. Richard Eberts, R1 Newville and a mysterious contending bidder who disappeared into the crowd soon

(Turn to Page A34)

Livestock market and auction news

Lancaster Market

Monday, July 13
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1464	74	1289	181
Last Monday	1213	62	1772	170
Last Year	1256	104	838	159
Monday's Auction	1113	73	1243	152
Last Monday's Auction	1082	63	1710	140

CATTLE. Compared to last Wednesday slaughter steers steady to 2.00 higher, advance on Prime and high yielding steers and Good grade; slaughter heifers steady to 1.00 higher; cows 2.00 higher, except Cutter 50-75 higher; bullocks unevenly steady to 1.00 higher; bulls steady to 2.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1090-1460 lbs. 67.85-72.60; Good and Choice 1-2 1160-1425 lbs. 68.25-71.00; Choice 2-4 955-1290 lbs. 65.00-67.85; Good and Choice 2-3 915-1425 lbs. 62.35-66.60, mostly 64.10-65.60; Good 2-3 890-1220 lbs. 59.50-63.60; Good and Choice 2-3 995-1700 lbs. Holsteins 56.85-60.25, Good 2-3 1050-1185 lbs. 49.85-53.25; few Standard 2-3 865-975 lbs. 43.50-45.00.

SLAUGHTER HEIFERS Choice few Prime 3 915-1050 lbs. 64.75-65.00; few Choice 2-3 1040-1240 lbs. 66.00-66.75; Choice 2-4 900-1230 lbs. 62.00-64.75, 745-940 lbs. 58.00-62.75; Good 2-3 745-1090 lbs. 57.00-60.25.

COWS: Breaking Utility and Commercial 1-3 46.50-48.75, high dressing 2-3 49.75-53.10; boning Utility 1-2 44.75-46.50; Cutter 1-2 40.00-43.25.

BULLOCKS: Choice 1-2 905-1330 lbs. 56.10-59.85, few 1040-1225 lbs. 60.85-64.25, individual 1185 lbs. 74.50; few Good 1-2 910-1250 lbs. 52.00-54.25.

BULLS: Yield grade 1 935-1935 lbs. 57.00-60.25, high yielding 1155-1910 lbs. 59.50-64.25, individual 1705 lbs. 67.25; yield grade 2 1085-1780 lbs. 52.00-56.50.

VEAL CALVES: Not enough last week for a comparison.

VEALERS. 15 head Prime special fed 270 lbs. 132.00; Choice and Prime 85-110 lbs. 55.00-75.00.

RETURNED TO FARM: Holstein bulls and heifers 95-115 lbs. 85.00-95.00, few heifers to 120.00.

SHEEP: Insufficient volume last Wednesday for a comparison.

SPRING LAMBS. Choice 80-95 lbs. 66.00-68.00, few to 69.00; Good and Choice 65-80 lbs. 50.00-57.00.

SLAUGHTER EWES: Utility 22.00-28.00.

Vintage Livestock

Tuesday, July 14

	Cattle	Calves	Sheep	Goats
Today	1296	828	20	26
Last Tuesday	1590	766	32	
Last Year	1003	780	37	

CATTLE: Compared to last Tuesday slaughter steers 1.00-1.50, instances 2.00 higher; slaughter heifers not established; cows 1.00-2.00 higher; bullocks steady; bulls 2.00-3.00 higher. Supply included 75% slaughter steers and 18% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1080-1380 lbs. 69.00-72.00, several to 73.00; Good and Choice 1-2 990-1480 lbs. 67.85-69.50; Choice mostly 2 70.00-72.00, few to 74.85; Choice 2-4 1050-1720 lbs. 66.50-69.10, couple lots 69.50, 915-1050 lbs. 65.75-67.10; Good 2-3 950-1185 lbs. 60.00-64.00; Choice 2-3 1100-1300 lbs. Holsteins 59.00-64.60, Good 1020-1710 lbs. 52.50-56.25, few Standard 49.50-52.10.

SLAUGHTER HEIFERS: Choice 2-4 910-950 lbs. 63.35-64.75; Good and Choice 2-3 860-1085 lbs. 57.25-62.75; Good 2-3 760-910 lbs. 52.00-56.25.

COWS: Breaking Utility and Commercial 1-3 46.00-48.75, high dressing 2-3 49.00-51.75; high Cutter and boning Utility 1-2 43.75-46.50; Cutter 1-2 41.00-44.00.

BULLOCKS. Choice 955-1470 lbs. 54.50-58.50; few Good 865-1050 lbs. 53.00-56.25

BULLS. Yield grade 1 965-1455 lbs. 56.00-60.25, high yielding individuals 1335-1535 lbs. 64.50-67.00; yield grade 2 945-1370 lbs. 50.00-54.25.

VEAL CALVES: Vealers steady. Demand light for returned to farm calves. Supply included 547 in graded sale of which 75% sold to return to farm.

VEALERS: Good and low Choice lot 120 lbs. 65.00, 80-115 lbs. 50.00-58.50, lot 75 lbs. 45.00; Good 60-100 lbs. 27.00-45.00.

RETURNED TO FARM: Holstein heifers 80-100 lbs. 56.00-80.00, lot 115 lbs. 100.00; holstein bulls 90-120 lbs. 82.00-95.00.

SHEEP: Insufficient volume for an adequate market test.

SPRING LAMBS: Good and Choice 50-70 lbs. 52.00-62.00.

SLAUGHTER EWES: Utility and Good 17.00-24.00.

GOATS: All goats sold by the head at mainly 10.00-31.00 individual 55.00; few kids 18.00-28.00.

Lancaster Auction

Wednesday, July 15
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	603	19	1050	4
Last Wednesday	528	31	780	30
Last Year	446	42	902	1
Wednesday's Auction	559	18	1016	4
Last Wednesday's Auction	510	31	858	30

CATTLE: Compared to Monday slaughter steers steady to 50 lower, instances 1.00 off; slaughter heifers not established; cows steady to 2.00 lower, mostly 1.00-2.00 lower; bullocks steady to 1.00 lower; bulls steady to 2.00 lower, decline on yield grade 2.

SLAUGHTER STEERS: High Choice and Prime 3-4 1080-1470 lbs. in limited test 68.00-69.50; Good and Choice 1-2 1070-1045 lbs. 67.50-69.85; Choice 2-4 1050-1350 lbs. 65.85-68.00, few 885-1070 lbs. 64.50-66.75; high Good and low Choice 2-3 935-1585 lbs. 62.00-66.10, mostly 64.00-66.10; Good 2-3 965-1390 lbs. 57.00-62.35; Good and Choice 2-3 1170-1545 lbs. Holsteins 57.75-62.10, Good 53.50-57.00, few Standard 48.35-52.00.

SLAUGHTER HEIFERS: Choice 2-4 890-1055 lbs. 61.00-64.10; Good and low Choice 1-2 915-1150 lbs. 63.00-67.00.

COWS: Breaking Utility and Commercial 2-3 45.50-48.50, few high dressing 48.75-50.50; high Cutter and boning Utility 1-2 43.25-46.75; Cutter 2 38.75-42.50.

BULLOCKS: Choice 55.00-58.75; Good and Choice 50.75-53.00.

BULLS: Yield grade 1 1165-1490 lbs. 57.10-60.25, high yielding individuals 60.00-63.75; yield grade 2 1190-1645 lbs. 49.50-54.00.

VEAL CALVES. Not enough for a market test.

SHEEP: No test.

New Holland Livestock

Thursday, July 16
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1647	496	60
Last Thursday	1264	530	20
Last Year	1362	447	28

CATTLE: Compared to last Thursday slaughter steers weak to 1.00 lower; slaughter heifers 75 lower in limited test; cows 1.00-1.50 higher; bullocks and bulls steady. Supply included 78% slaughter steers and 12% cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 970-1395 lb. 67.85-69.50, few to 71.50; Good and Choice 1-2 1140-1500 lb. 67.60-69.85, few to 71.75; Choice 2-4 1050-1340 lb. 65.25-68.10; Good and Choice 2-3 62.00-66.00; Good 2-3 58.25-63.00; Few Choice 2 Holsteins 1250-1400 lb. 60.00-63.85; Good 1-2 1315-1645 lb. 55.00-57.50.

SLAUGHTER HEIFERS: Few Choice 2-4 875-1020 lbs. 61.00-63.10.

COWS: Breaking Utility and Commercial 2-3 45.00-47.10; High Cutter and Boning Utility 1-2 42.75-45.25; Cutter 1-2 40.00-43.75; few Canner cows 38.00-39.35.

BULLOCKS: Choice 1-2 1070-1355 lb. 57.00-60.00; Good 1-2 975-1110 lb. 52.75-56.75.

BULLS: Yield Grade 1 1015-1240 lb. 55.00-58.25, High Yielding Individuals 1150-1300 lb. 58.85-59.75; yield grade 2 1075-1490 lb. 50.25-53.50.

VEAL CALVES: Vealers under 120 lb. mostly steady, over 120 lb. 7.00-10.00 lower. Good demand for return to farm Holstein heifers, fair demand for bulls.

VEALERS: Choice and Prime 220-300 lb. 103.00-116.00; 200-220 lb. 95.00-98.00; Choice 140-170 lb. 80.00-92.00; Good and Low Choice 80-120 lb. 45.00-65.00, 50-75 lb. 40.00-43.00.

RETURNED TO FARM: 100-120 lb. Holstein Heifers 120.00-148.00, 80-95 lb. 80.00-110.00; 95-120 lb. Holstein Bulls 65.00-96.00.

SHEEP: Insufficient volume last week for a comparison.

SPRING LAMBS: Good 40-45 lb. 46.00-52.00, few 60-65 lb. 40.00-48.00; Good and Choice 80-105 lb. 57.00-63.00.

SLAUGHTER EWES: Good 28.00-41.00; Utility 20.00-27.00; Cull 15.00-24.00.

GOATS: All goats sold by the head 25.00-49.00; few kids 15.00-19.00.

Lancaster County Weekly

Friday, July 17

	Cattle	Calves
This Week	5625	1425
Last Week	4446	1390
Last Year	4511	1366

CATTLE: Slaughter steers generally steady to 75 higher, however Prime and high Yielding cattle in short supply; slaughter heifers in limited test 2.00-3.00 lower; cows 1.50-2.00 higher; bullocks 2.00-3.00 lower; bulls unevenly steady. Supply included 72 per cent slaughter steers, 5 per cent slaughter heifers, 13 per cent cows, 8 per cent bulls with the balance feeder steers

SLAUGHTER STEERS: High Choice and Prime 3-4 970-1395 lbs 68.00-72.50; Good and Choice 1-2 1140-1500 lbs. 67.50-71.00; Choice 2-4 1050-1350 lbs. 65.75-69.10, few 885-1070 lbs. 64.50-66.75; high Good and low Choice 2-3 935-1585 lbs 62.00-66.00, Good 2-3 57 00-64.00, mostly 58.25-63.00; few Choice Grade 2 holsteins 1250-1400 lbs. 60.00-63.85, Good 1-2 52.50-57.50.

SLAUGHTER HEIFERS· Choice 2-4 875-1055 lbs. 61 00-64.75; Good 2-3 745-1090 lbs. 56.25-60.00

COWS: Breaking Utility and Commercial 2-3 45 00-48.75, high dressing individuals 48.75-53.10, high Cutter and boning Utility 1-2

(Turn to Page A15)

SPECIAL GRADED
FEEDER CATTLE SALE
FRIDAY, JULY 24, 1981
11:00 A.M.
400 HEAD
All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
Graded by Jim Anderson - USDA

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12 00 Noon - Dairy Sale
1 30 P M Feeder Pig Sale
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Also Hay Sale every Tuesday at 12:30.

Hog Markets

New Holland Feeder Pigs

Wednesday, July 15
Report supplied by USDA

Today	484
Last Wednesday	470
Last Year	1136

TREND: Compared to last Wednesday feeder pigs 14.00-20.00 higher. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2: 41 head 30-39 lbs. 86.00-102.00; 91 head 40-49 lbs. 81.00-99.00; 35 head 50-59 lbs. 76.00-89.00.

US 2-3: 22 head 33-50 lbs. 74.00-92.00.

St. Louis Hogs

Thursday, July 16
Report supplied by USDA

HOGS: 4500 - Barrows & gilts moderate, weights under 250 lbs. 1.00-1.50 lower, over 250 lbs. mostly 50 lower. US 1-2 220-250 lbs. 52.00-52.50; 200-220 lbs. 51.00-52.00; US 1-3 220-260 lbs. 51.00-52.00.

SOWS: Uneven, weights under 500 lbs. steady-50 lower, over 500 lbs. 1.00 to mostly 1.50 higher. (About 8%). US 1-3 300-500 lbs. 43.00-44.00; Over 500 lbs. 47.00-49.00.

BOARS: Over 250 lbs. 42.50; 200-250 lbs. 44.00-45.00.

Indianapolis Hogs

Thursday, July 16
Report supplied by USDA

HOGS: 1500 - Barrows & gilts moderately active, mostly 1.00 lower but not fully established. US 1-2 215-245 lbs. 52.25-52.50, couple lots 52.75.

SOWS: Active, steady-50 higher, except weights under 400 lbs. 50 lower. (10%) US 1-3 350-475 lbs. 43.00-46.00; Over 500 lbs. 47.00-48.00.

BOARS: Under 250 lbs. scarce; 275-375 lbs. 40.00; over 350 lbs. 42.00.

Tel-O-Auction Feeder Pig Sale

Marion, Va.
Wednesday, July 8
Report supplied by VDA

There were 843 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's: 40-50 lbs. 65.00; 51-60 lbs. 60.00; 61-70 lbs. 69.00; 71-110 lbs. 63.00.

US 3's: 40-50 lbs. 61.00; 51-60 lbs. 57.00; 61-70 lbs. 66.00; 71-110 lbs. 61.00.

Utility & No. 4: All weight groups 40.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, July 11
Report supplied by USDA & Auction

780 head.

US 1 210-235 lbs. 55.50-58.00, few 59.75; US 1-2 210-245 lbs. 54.00-55.25; US 2-3 200-253 lbs. 53.25-53.75; Lightweights 168-180 lbs. 42.00-46.25; Sows 350 lbs. and up 47.00-48.50; Boars 200 lbs. and up 38.00-39.00.

Monday, July 13

HOGS: Barrows and gilts US 1-2 weak to 25 lower, US 2-3 1.00 lower.

BARROWS AND GILTS: US 1 210-245 lbs. 54.50-55.00; US 1-2 210-245 lbs. 53.00-54.00; US 2-3 200-255 lbs. 52.50-52.75.

Wednesday, July 15

HOGS: Barrows and gilts 75-1.00 lower.

BARROWS AND GILTS: US 1 210-245 lbs. 55.00-56.50; US 1 210-250 lbs. 53.75-54.85; US 1-3 200-255 lbs. 53.00-53.50.

Lancaster Feeder Pigs

Tuesday, July 14
Report supplied by USDA

Today	1339
Last Tuesday	1305
Last Year	1283

TREND: Compared to last Tuesday feeder pigs mostly steady, however some strength noted on US 2. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 52 head 20-29 lbs. 85.00-95.00; 341 head 30-39 lbs. 84.00-95.00; 337 head 40-49 lbs. 79.50-90.00; 64 head 50-59 lbs. 69.00-82.50; 72 head 60-69 lbs. 67.00-74.50.

US 2: 35 head 20-29 lbs. 70.00; 82 head 30-39 lbs. 71.00-75.00; 107 head 40-49 lbs. 70.00-85.00; 30 head 50-59 lbs. 70.00-82.50; 34 head 60-69 lbs. 67.00-72.50.

US 2-3: 8 head 20-29 lbs. 41.00-55.00; 73 head 30-39 lbs. 48.00-64.00; 39 head 40-49 lbs. 50.00-66.00.

Chicago Grain Futures

(Closing Bids as of Thursday July 16)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.42½	3.87½	7.44	206.00
Sept.	3.31	4.01¾	7.52½	210.30
Oct.	–	–	–	213.20
Nov.	–	–	7.69¾	–
Dec.	3.51	4.31½		

Trend - Corn is lower, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, July 16
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	466,000	33,000	1,139,000	79,000
Last Week	464,000	32,000	1,091,000	75,000
Last Year	470,000	33,000	1,280,000	76,000

Market courtesy of USDA.

New Holland Hogs

Monday, July 13
Report supplied by USDA

Today	1343
Last Monday	1673
Last Year	1547

TREND: Compared to last Monday barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1 200-240 lbs. 55.00-56.00; US 1-2 210-240 lbs. 53.50-54.25; US 1-3 210-240 lbs. 52.50-53.50.

Peoria Hogs

Thursday, July 16
Report supplied by USDA

HOGS: 3500 - Barrows & gilts slow, mostly 50 instances 1.00 lower. US 1-2 210-240 lbs. 52.00-52.50, some 51.50; US 1-3 210-240 lbs. 51.00-52.00, some 50.50.

SOWS: 50-1.00 lower. (15%). US 1-3 350-425 lbs. 44.00-44.50; 425-500 lbs. 44.50-45.00; 500-650 lbs. 45.00-45.50, 1 small lot 46.00.

BOARS: Over 350 lbs. 42.00-43.00; under 350 lbs. 40.00-44.00.

Special Feeder Pig Sale

Blackstone, Va.
July 13
Report Supplied by VDA

There were 461 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's: 30-39 lbs. 80.00, 40-49 lbs. 64.50, 50-59 lbs. 65.50, 60-69 lbs. 63.50, 70-84 lbs. 60.50, 85-99 lbs. 59.00.

US 3's: 30-39 lbs. 71.00, 40-49 lbs. 60.50, 50-59 lbs. 59.50, 60-69 lbs. 64.00, 70-84 lbs. 57.00.

UTILITY & US 4's: 50-59 lbs. 57.50.

Futures Trading

(Closing Bids as of Thursday July 16)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
July		52.07	
Aug.	66.27	49.20	
Oct.	63.72	52.30	
Nov.			7.58
Dec.	64.47		

Trend - Cattle are higher, Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Feeder Pig Sale

Courtland, Va.
Thursday, July 9
Report supplied by VDA

There were 575 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's: 30-39 lbs. 83.00; 40-49 lbs. 84.75; 50-59 lbs. 70.00; 60-69 lbs. 66.00; 70-84 lbs. 64.00; 85-99 lbs. 61.00; 100-130 lbs. 60.00.

US 3's: 30-39 lbs. 72.00; 40-49 lbs. 72.00; 50-59 lbs. 65.00; 60-69 lbs. 65.00; 70-84 lbs. 56.00; 85-99 lbs. 60.00.

US 4's & Utility: 30-39 lbs. 51.00; 40-49 lbs. 50.00; 70-84 lbs. 50.00.

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This sale will be in addition to the Monday, Wednesday and Saturday sales, thereby giving all hog producers a choice of marketing their hogs any one of four days a week instead of three.

It is important to note that all hogs consigned for Tuesday's market must arrive between 6 A.M. and 9 A.M.

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Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, July 14
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores.

	Ex. Large	Large	Medium	Small
MASS.+	93-97	91-96	73-79	46-52
Mostly	95-96	93-94	75-77	48-50
N. HAMP.	88-95	86-93	68-75	41-48
Mostly	90-93	88-91	70-73	43-46
R.I.	94-95	93-94	75-76	49-50
VERMONT	95-1.00	93-98	75-82	—
Mostly	97-98	94-95	77-78	—
MAINE	92-96	91-94	73-76	43-49

+ Includes Central and Western Sections only.

Weekly New York Egg Market

From Monday, July 10 to July 17

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	83	83	85	85	85
Ex Large	78	78	80	80	80
Large	73	73	75	75	75
Mediums	60	60	62	62	62
Pullets	46	46	47	47	47
BROWN					
Jumbo	101	101	103	104	104
Ex Large	88	89	92	93	93
Large	83	83	87	88	88
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	63	63	65	65	65
Checks	35	35	36	36	36

Tone: Large barely steady. Balance medium easy.
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Philadelphia Eggs

Wednesday, July 15
Report supplied by USDA

Prices trending higher; demand generally fair; offerings on good balance. undertone firm.

A Extra Large 71-80, A Large 70-76; A Medium 55½-62.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 14
Report supplied by auction

MUSCOVY DUCKS, DRAKES range 1.24-1.34/lb..

MUSCOVY DUCKS, HENS range 1 20-1 30/lb

PEKING DUCKS· range .70-82/lb.

RED FOWL. 4-5 lbs range .18-26/lb.

RED FOWL: 5-6 lbs range 22-.28/lb.

CROSSBRED FOWL 5-8 lbs. range 20-.32/lb

CROSSBRED ROOSTERS 4-6 lbs range 50-.76/lb

CROSSBRED ROOSTERS 7-9 lbs range 80- 76/lb

GUINEAS· range 1 75-1 85/lb

GEESE: 9-12 lbs range .54/lb

TURKEYS 12-25 lbs. range 30-42/lb

PIGEONS: range 65-.95 each

WHITE PIGEONS: range 2 35-2.75 each.

RABBITS: 4-6 lbs range 62- 82

RABBITS: 7-10 lbs. range 60- 76

BANTY ROOSTERS· range 2 50-3 75 each

BANTY HENS range 1.00-1 35 each.

GUINEA PIGS. range 75-2 50 each.

GOATS: range 22.50-46.00 each

KID GOATS: range 22.00-31 00 each

TOTAL COOPS SOLD: 610

Eastern Pa. & N.J. Poultry

Wednesday, July 8
Report supplied by USDA

Prices unchanged; demand fair; offerings adequate.

Prices Paid at Farm:

Light Type Hens. 5-6, mostly 6.

F.O.B. Plant: 7½-8, mostly 8.

Heavy Type Hens: TFTR.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	July 14 Tuesday	July 16 Thursday
Class 1 - Large	**48 lbs.**	**59**	**60**
Class 2 - Large	**45 lbs.**	**53**	**55**
Class 3 - Medium	**42 lbs.**	**47**	**47**
Class 4 - Small	**39 lbs.**	**39**	**43**
Breaking Stock	**48 lbs.**	**44**	**45**
Checks	**48 lbs.**	**39**	**40**

Delmarva Poultry

Wednesday, July 15
Report supplied by USDA

RTC fairly good on whole birds but slow on parts. Asking price for U.S. Grade A generally unchanged at 49-53. Slaughter schedule generally moderate; sizes often lighter than desired. Undertone steady to fully steady on whole birds and fairly steady to weak on parts.

Range - U.S. Grade A 49-53, Plant grade TFTR; Premium (X) U.S Grade A 54.

Wtd. Avg. U.S. Grade A 52.00; Plant Grade TFTR; Premium (X) U.S. Grade A 54.00.

Baltimore Eggs

Wednesday, July 15
Report supplied by USDA

Prices higher under a firm but cautious sentiment. Cartoning egg demand, light to firm. Retail orders at levels slightly less than past two weeks Store supplies fully adequate except jumbo and extra large which are seasonally light.

Grade A Large	76-80
Medium	63-67

Lancaster Feeder Cattle

Friday, July 10
Report supplied by USDA

Today	416
Last Friday	197
Last Year	678

TREND: Insufficient volume for a market test; bulk of supply sold in lots of three or less. Supply included 106 head in graded sale, sold in lots of 10 or more

FEEDER STEERS. Medium Frame #1. Lot 455 lb. 70.75; 575-830 lb. 50.85-60 25. Medium Frame Mixed 1-2: 465-815 lb. 57.25-61.00; lot 975 lb. 54.75. Large Frame 1. Lot 520 lb. 65.25. Large Frame 2: Few lots 515-650 lb. 44.85-48.00; lot 795 lb. 50.00.

New Holland Horse

Monday, July 13
New Holland Sales Stables
Report supplied by auction

Reported receipts of 213 head of horses, mules, and ponies. Market. stronger.

Better horses 550.00-1000.00; few Registered 950.00-1300.00; Driving horses 350.00-1010.00; Riding horses 375.00-500.00; Lightweight killers 210.00-450.00; Heavyweight killers 500.00-650.00; Mares 45.00-110.00; Colts 15.00-35.00; Geldings 45.00-110.00; Larger ponies 150.00-230.00.

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Subscription Price
$7.50 per year, $13.00 - 2 years
$12 00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
Lititz, PA 17543 USPS 304 040

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Livestock market and auction news

Hay Markets

Regional Hay
Friday, July 10
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay steady, straw slow and steady.
straw steady to weak.

Alfalfa 70.00-85.00; Mixed hay 55.00-70.00; Timothy hay 50.00-70.00; Straw 30.00-40.00; Mulch 25 00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, July 10
Report supplied by PDA

31 loads hay and 7 loads straw.

Alfalfa 80.00-95.00, one at 110.00; Mixed hay 70.00-105.00; Timothy hay, few 84.00-92.00; Clover, one at 71.00; Straw 68.00-74.00, couple down to 54.00; Ear Corn, 7 loads 113.00-124.00.

New Holland Hay
Leola, Pa.
Monday, July 13

72 loads.

Alfalfa 63.00-109.00; Timothy 60.00-80.00; Straw 55.00-72.00; Mixed Hay 46.00-111.00; Corn 126.00-130.00.

Good's Hay
New Holland Sales Stables
Wednesday, July 15

84 Loads.

Alfalfa 76-122.00; Timothy 77.00-87.00; Straw 44.00-66.00; Mixed 66 00-125.00; Corn 120.00-128.00, Canary Grass 68 00; Clover 56 00, Oats 2.15 bushel.

Keister's Hay
Middleburg, Pa.
Tuesday, July 14
Report supplied by auction

15 loads.

Mixed 71.00-86.00; Timothy 60 00-71.00; Straw 41.00-42.00, Corn 105.00-112.00.

Middleburg Auction
Middleburg, Pa.
July 14, 1981
Report Supplied by the Auction

CATTLE 321. High Choice & Prime slaughter steers 68.00-69.85, Choice 66.00-69.25, Good 64.00-66.00, Standard 60.00-64.00, Utility 52.00-60.00. Choice slaughter heifers 62.00-64.85, Good 58.00-62.00, Standard 52.00-58.00, Utility 45.00-52.00. Utility & Commercial slaughter cows 46.50-51.60, Cutters 45.00-48.75, Canner & Low Cutter 40 00-45.00. Choice slaughter bullocks 63.00-65.85, Good 55.00-63.00. Yield Grade #1 slaughter bulls 54.00-64.25; yield grade #2 50.00-54.00.

CALVES 197. Choice vealers 80.00-95.00, Good 65.00-80.00, Standard & Good 90-110 lbs. 60.00-70.00, 70-90 lbs. 40.00-60.00. Farm calves, holstein bulls 90-120 lbs. 75.00-105.00; holstein heifers 80-150 lbs. 75.00-160.00.

HOGS 407. (Monday, July 13, 1981). Tuesday 28 head (July 14, 1981). US No. 1-2 210-235 lbs. barrows & gilts 53.00-54.35, No. 1-3 190-250 lbs. 52.00-53.00, No. 2-3 190-270 lbs. 50.00-52.00. US No. 1-3 225-600 lbs. sows 46.00-50.00, No. 2-3 300-500 lbs. 40.00-46.00. Boars 225-575 lbs. 39.00-40.25.

FEEDER PIGS 185. US No. 1-3 10-20 lbs. feeder pigs 12.00-22.00 per head, No. 1-3 20-40 lbs. 22.00-40.00 per head.

SHEEP 42. Choice 75-100 lbs. spring slaughter lambs 60.00-65.00, Good 40-70 lbs. 50.00-60.00. Slaughter ewes 12.00-25.00.

Pa. Grain
Monday, July 13
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa Corn steady to 10 cents higher. Wheat uneven, mostly steady to 15 cents higher. Barley mostly steady. Oats weak to 40 cents lower as harvest is beginning in southern counties. Ear Corn uneven, mostly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.50-3.80, average 3.71; Wheat No. 2 range 3.15-3.50, average 3.33; Barley No. 3 range 2.00-2.30, average 2.16; Oats No. 2 range 2.00-2.35, few reported 2.65, average 2.27; Soybeans No. 1 range 6.83-7.00, average 6.92; Ear Corn range 101.00-115.00, average 108.13.

Central Pa.

Corn No. 2-y range 3.50-3.75, average 3.62; Wheat No. 2 range 3.10-3.40, average 3.26; Barley No. 3 range 2.00-2.30, average 2.18; Oats No. 2 range 2.00-2.50, average 2.20; Ear Corn range 102.00-110.00, average 103.88.

South Central Pa.

Corn No. 2-y range 3.50-3.65, few reported 3.30, average 3.54; Wheat No. 2 range 3.00-3.25, average 3.11; Barley No. 3 range 2.00-2.40, average 2.27; Oats No. 2 range 2.00-2.40, average 2.18; Ear Corn range 98.00-105.00, average 100.56.

Western Pa.

Corn No. 2-y range 3.40-3.68, average 3.48; Wheat No. 2 range 2.85-3.50, few reported 2.60, average 3.13; Barley No. 3 range 2.05-2.25, average 2.18; Oats No. 2 range 2.00-2.45, average 2.22; Ear Corn range few reported 85.00-88 60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.50-3.80, average 3 66; Wheat No. 2 range 3.00-3.50, average 3 26; Barley No. 3 range 2.00-2.40, average 2.19; Oats No. 2 range 2.00-2.40, average 2.22; Ear Corn range 100.00-111.00, average 104.87.

Lebanon Valley
Fredericksburg, Pa.
July 14, 1981
Report Supplied by PDA

CATTLE 165. PDA. Compared with last Tuesday's market, slaughter steers uneven. Slaughter cows 25 cents to 75 cents higher. One Choice slaughter steer at 66.00, few Good 59.75-62.75, Good & Choice holsteins 57.10-61.35, Standard 52.50-57.25, Utility & Low Standard 48.00-51.60. Few Choice 855-1290 lbs. slaughter heifers 62.25-67.25, few Good 57.50-63.85, few Standard 53.10-54.85, few Utility 43.75-51.50. Utility & Commercial slaughter cows 45.85-47.25, few to 48.00, one at 50.00, Cutters 44.00-46.60, few to 47.35, Canner & Low Cutter 38.75-43.75, few Shells down to 31.00. Few Standard slaughter bullocks 50.60-56.50. Few Yield Grade #1 1235-2120 lbs. slaughter bulls 57.25-60.75.

CALVES 297. Vealers grading Standard & Good mostly $5 lower. Prime vealers (one) at 109.00, few Choice 88.00-98.00, few Good 78.00-87.00, Standard & Good 65-100 lbs. 55.00-62.00, few to 73.00, Utility 40-100 lbs. 50.00-57.00. Farm Calves, holstein bulls 80-125 lbs. 85.00-109.00; holstein heifers 80-140 lbs. 90.00-146.00, mostly 106.00-120.00; beef cross bulls & heifers 60-90 lbs. 59.00-78.00.

HOGS 166. Barrows & gilts mostly steady. US No. 1-2 200-255 lbs. barrows & gilts 52.85-53.60, lot 53.85, No. 1-3 195-245 lbs. 52.50-53.25, few No. 2-3 225-265 lbs. 52.35-52.75. US No. 1-3 345-645 lbs. sows 48.00-50.50, few No. 2-3 380-485 lbs. 46.00-49.75. Boars 34.00-37.00.

FEEDER PIGS 1. One US No. 1-3 65 lbs. feeder pig at 37.00 cwt.

SHEEP 6. Couple Choice 40 and 60 lbs. spring slaughter lambs 58.00 and 59.00. Few Slaughter ewes 21.00-27.00.

Shenandoah Valley Livestock
Harrisonburg, Va.
Saturday, July 11
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 63.50-68.50; Medium 59.00-63.25; Plain 55.00-58.75; Good Heavy Steers 60.25-64.00; Medium 57.75-60.00; Plain 54.25-57.50; Holstein Steers 51.00 and down; Good Light Heifer Calves 52.00-57.50; Medium 46.75-51.75; Plain 42.00-46.75; Good Heavy Heifers 48.00 and down; Slaughter Cows 45.25-49.25; Utilities 40.25-45.00; Canners & Cutters 35.00 and down; Milk & Stock Cows 715.00 and down; Stock Bulls 60.50 and down; Slaughter Bulls 57.00 and down.

CALVES: Veal Calves 77.00 and down; Baby Calves 102.50 and down.

SHEEP & LAMBS: Spring Lambs Choice Blue O 65.00; Good Red O 49.50; Feeder Lambs 46.00-50.00; Slaughter Ewes 15.00 and down.

HOGS: Top 52.00; Heavy 50.00; Medium 47.00; Light 44.00; Sows 50.00 and down; Boars 38.00 and down.

Richmond Hogs
Richmond, Va.
July 14, 1981
Report Supplies by VDA

The Richmond hog market closed $1.00 higher compared with Monday's trading. Salable receipts totaled 172 head. The No. 1-3's, 200-230 lbs., $49.50-50.00. Sows, all weights steady at $36.00-38.00. Boars steady at $29.00-31.00.

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WALTER H. RISSER, Proprietor

Livestock market and auction news

Central U.S. Carlot

Wednesday, July 15
Report supplied by USDA

Compared to Tuesday's 4:00 report: Choice steer beef steady to 1.00 higher. Choice heifer beef steady-1.00 higher. Good grade steer and heifer beef mostly steady, instances 1.00 higher. Demand light to moderate, supply moderate. Sales reported on 85 loads of steer and heifer beef.

STEER BEEF
65 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 104.00-106.00, late 106.00, mstly 1.00 higher.

Choice 3: 500-700 lbs. 104.00.

Choice 4: 600-900 lbs. 99.00-100.00, late 100.00, steady with Monday.

Choice 2-3: 600-900 lbs. 100.00 (Hols.).

Good 2-3: 600-900 lbs. 99.00-100.00, steady-1.00 higher.

Good 2-3: 600-900 lbs. 96.00 (Hols.).

FOB Amarillo Basis

Choice 2-3: 600-700 lbs. YG 3 106.50-111.00; YG 2 108.00-112.00.

HEIFER BEEF
20 Loads
FOB Omaha Basis

Choice 3: 500-700 lbs. 103.00-105.00, late 104.00-105.00, steady-1.00 higher.

Choice 4: 500-700 lbs. 99.00.

Good 2-3: 500-700 lbs. 97.00-98.00, steady to 1.00 higher.

Good 2-3: 400-500 lbs. 92.00-92.50.

Cow beef steady to the West Coast. Demand and trading moderate, supplies moderate to heavy.

COW BEEF
15 Loads

Utlty Brkg: 450/up lbs. 74.50-75.50, steady-1.00 lower 3-4 (West).

Utlty Bng: 400/up lbs. 77.50 (West), 1.00 lower 2-3.

Utlty Bng: 400/up lbs. 81.00 (Midwest) no comparison 2-3.

Cnnr. & Cttr. 350/up lbs. 79.50 (West) no comparison 1-2.

Cnnr. & Cttr. 350/ up lbs. 85.00 (Midwest) no comparison 1-2.

FOB Amarillo Basis

Utlty Bng: 400/up lbs. 78.50-79.50, steady-1.00 lower 2-3 (West).

BULL BEEF
FOB Omaha Basis

Bull 1-2: 500/up lbs. 89.00.

PRIMAL BEEF CUTS
17 Loads
FOB Omaha Basis

HINDS (H): 120-170 lbs. 115.00-117.00.

FORES: 130-210 lbs. 92.00-93.00.

ARM CHUCKS: 75-120 lbs. 82.00.

FOB Amarillo Basis

HINDS (S): 130-170 lbs. 124.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
17 Loads
FOB Omaha Basis

90% chem lean, frozen 119.00.

85% chem lean, frozen 111.00.

85% chem lean, fresh 107.00-108.00.

65% chem lean, fresh 81.00.

50% chem lean, fresh 61.00-61.50.

Compared to Tuesday's 4:00 report: Fresh pork loins 14-17 lbs. 1.00-1.50 lower, 17/up lbs. 1.00-2.50 higher. Picnics and Boston butts not tested. Fresh hams steady to mostly 2.00 higher. Sdls bellies 2.00-5.00 higher. Trading moderate. Demand good for fresh hams and sdls bellies. Demand light for 14-17 lb. fresh loins. Sales reported on 35½ loads plus 18 loads of trimmings and variety meats.

FRESH PORK CUTS

LOINS: 14-17 lbs. 105.50-107.00, 1.00-1.50 lower; 17-20 lbs. 108.00, 1.00-2.50 higher; 20/up lbs. 83.00, 1.00 higher.

SKINNED HAMS: 14-17 lbs. 78 50-79.00, .50-1.00 higher; 17-20 lbs. 80.00-81.00, late 81.00, 1.00-2.00 higher; 20-26 lbs. 81.00; 26/up lbs. 78.00, steady.

BELLIES, SDLS: 10-12 lbs. 58.00, 3.00-5.00 higher; 12-14 lbs. 61.00, 3.00-4.00 higher; 16-18 lbs. 58.00, 2.00-4.00 higher; 18-20 lbs. 54.00-55.00; 20-25 lbs. 48.00, 4 higher.

VARIETY MEATS

SALIVARY GLANDS: 16.00.

HEARTS: 52.00.

NECKBONES: 18.00.

SELECT GELATIN SKINS: 24.50 Domestic.

CHEEK MEAT, TRIMMED: 96.00-96.50.

PORK TRIMMINGS/ BONELESS PROCESSING
(Chemical Lean)

42% lean trimmings fresh 44.00-44.50, pt ld. 50.50.

72% lean trimmings fresh 84.00-85.00.

72% boneless picnics fresh 85.00-86.00.

G&M Livestock

Monday, July 13
Duncansville, Pa.
Report supplied by auction

Market report steers-lower, hogs-lower, cows-steady.

STEERS: High Choice Prime 66.00-68.25; Good to Choice 62.00-66.00; Standard to Good 58.00-62.00; Utility 50.00-58.00.

HEIFERS: High Choice and Prime 64.00-67.00; Good to Choice 60.00-64.00; Standard 54.00-60.00; Utility 46.00-54.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 50.00-75.00.

BULLS: 1200-1800 lbs. 54.00-66.50; 900-1200 lbs. 50.00-58.00.

COWS: High Choice to Prime 48.00-50.00, couple to 51.00; Good 46.00-48.00; Utility 44.00-46.00; Cutters 40.00-44.00; Canners Down to 38.00.

CALVES: High Choice 90.00-104.50; Good to Choice 80.00-90.00; Standard to Good 60.00-80.00; Utility 40.00-60.00.

FARM CALVES: Hol. Bulls 90.00-121.00; Hol. Heifers 100.00-157.50.

FEEDER PIGS: 15-25 lbs. 15.00-25.00; 25-50 lbs. 25.00-40.00.

HOGS: 200-240 lbs. 50.00-53.10; 180-280 lbs. 47.00-51.00.

SOWS: 43.00-50.85.

BOARS: 35.00-39.00.

SHEEP: 12.00-25.00.

LAMBS: 49.00-72.00.

New Wilmington Livestock

New Wilmington, Pa.
Monday, July 13
Report supplied by PDA

CATTLE 254. Compared with last Monday's market, slaughter cows steady to weak. Few High Choice & Prime slaughter steers 66.00-68.00, Choice 63.00-66.00, Good 56.00-63.00, Standard 50.00-56.00. Choice slaughter heifers 58.75-62.75, few Good 55.00-57.50, Standard 48.00-54.00. Utility & Commercial slaughter cows 46.00-49.00, few 50.00-53.00, Commercial No. 4-5 42.00-46.50, Cutters 43.00-47.25, Canner & Low Cutter 34.75-43.00. Yield Grade #1 975-1835 lbs. slaughter bulls 54.00-58.75; yield grade #2 880-1250 lbs. 48.75-53.25.

CALVES 282. Vealers grading Good & Choice weak to $5 lower, Standard $5 higher. Choice vealers 80.00-91.00, couple 95.00, Good 67.50-83.00, Standard 50.00-65.00, Standard & Good 90-125 lbs. 50.00-71.00, 65-85 lbs. 38.00-50.00, Utility 45-120 lbs. 20.00-35.00. Farm calves, holstein bulls 95-135 lbs. 75.00-112.00; holstein heifers 90-140 lbs. 100.00-125.00, few 70-85 lbs. 65.00-80.00.

HOGS 387. Barrows & gilts steady to 50 cents higher. US No. 1-2 205-240 lbs. barrows & gilts 51.10-52.00, one lot 52.70, No. 1-3 200-250 lbs. 50.00-51.30, No. 2-3 200-260 lbs. 48.90-50.00. Sows $2 higher. US No. 1-3 305-760 lbs. sows 43.00-48.25. Boars 34.00-42.50.

FEEDER PIGS 43. US No. 1-3 15-30 lbs. feeder pigs 13.00-22.00 per head.

SHEEP 114. Choice 50-110 lbs. spring slaughter lambs 66.00-77.00, few 83.00, few shorn 90-110 lbs. 57.00-60.00, Good 50-90 lbs. 60.00-71.00, one lot 40 lbs. at 76.00. Slaughter ewes 10.00-19.00.

New Holland Dairy

New Holland, Pa.
Wednesday, July 15
Report supplied by auction

Reported receipts of 64 cows, 188 heifers, and 6 bulls. Market stronger.

Load of Pa. fresh cows, 960.00-1230.00; Load of Susquehanna Co. fresh cows, 1150.00-1660.00; Load of Butler Co. fresh cows, 1000.00-1190.00, springers 990.00-1410.00; Load of Wisc. fresh cows, 1375.00-1475.00; Load of Pa. fresh cows, 1360.00-1525.00; Load of Canada fresh cows, 1260.00-1300.00, springers 910.00-1625.00.

Locally consigned cows 610.00-1500.00; Springing heifers grade 750.00-1225.00; Purebred 1200.00-1375.00; Open heifers 290.00-700.00; Bulls 290.00-570.00.

Martinsburg Auction

Martinsburg, Pa.
Monday, July 13
Report supplied by auction

CATTLE 157. High Choice & Prime slaughter steers 66.00-68.50, Choice 63.50-66.00, Good 60.00-63.50, Standard 50.00-56.00, Utility 48.00-52.00. Choice slaughter heifers 65.00-66.60, Good 62.00-65.00, Standard 56.00-62.00. Utility 50.00-56.00. Utility & Commercial slaughter cows 48.00-51.00, Cutters 45.00-48.00, Canner & Low Cutter 42.00-46.50, Shells down to 35.00. Choice slaughter bullocks 60.75-62.50, Good 58.00-60.75, Standard 54.00-58.00, Utility 45.00-52.00. Yield Grade #1 slaughter bulls 57.00-61.75; yield grade #2 52.00-57.00. Choice feeder steers 60.00-62.50, Good 58.50-60.00, Medium 52.00-58.00; Good feeder heifers 56.00-62.00, Medium 51.00-56.00; Good feeder bulls 55.00-60.50, Medium 52.00-56.00.

CALVES 443. Prime vealers 95.00-105.00, Choice 90.00-95.00, Good 85.00-90.00, Standard & Good 110-130 lbs. 65.00-75.00, 90-110 lbs. 60.00-68.00, 70-90 lbs. 50.00-58.00. Farm calves, holstein bulls 90-130 lbs. 95.00-122.00; holstein heifers 95-120 lbs. 95.00-160.00.

HOGS 313. US No. 1-2 barrows & gilts 53.00-54.00, No. 1-3 52.00-53.00, No. 2-3 51.00-52.00, heavy weights 50.00-51.00, No. 1-3 48.00-50.00. US No. 1-3 sows 45.00-48.50, No. 2-3 43.00-45.00. Boars 37.00-40.50.

FEEDER PIGS 22. US No. 1-3 25-40 lbs. feeder pigs 15.00-25.00 per head, No. 1-3 40-75 lbs. 25.00-44.50 per head.

SHEEP. 14. Choice 70-90 lbs. spring slaughter lambs 65.00-70.00, Good 70-85 lbs. 60.00-65.00, Utility 60-70 lbs. 55.00-60.00. Slaughter ewes 20.00-25.00.

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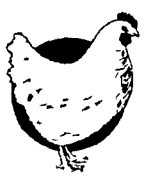

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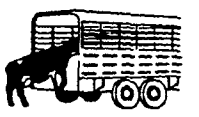

Livestock market and auction news

THE OLD FARMER'S ALMANAC

JULY 20-26, 1981

Golden summer days, morning haze.

Save your grass cuttings for compost heap Mussolini ousted July 25, 1943 Last quarter of the moon July 24 (Fri) Average length of days for the week, 14 hours, 44 minutes First admission fee charged for baseball game July 20, 1859 State of most crops known this week *Nothing that is violent is permanent*

Ask the Old Farmer: Being originally from the East, I refer to our front porch as the "stoop" This expression seems to be unknown to those in this part of the country Do you know its origin? T E, Phoenix *"Stoop" or 'stoep' — a platform in front of a door, with a seat on each side, was introduced in this country by the Dutch Here, the designation covers various approaches to a doorway*

Home Hints A delicious whipped cream substitute can be made by adding a sliced ripe banana to the white of an egg Beat with an eggbeater until stiff

OLD FARMER'S WEATHER FORECASTS

New England: Clear skies, then showers, cooler temperatures, rain, heavy south

Greater New York-New Jersey: Partly sunny, heavy rains from midweek on, cool

Middle Atlantic Coastal: Warm temperatures with showers, heavy thundershowers with flooding through weekend

Piedmont & Southeast Coastal: Week begins sunny and hot, turns cool with rain throughout

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Valley Livestock

Valley Stockyards
Athens,Pa.
Monday, July 13
Report supplied by auction

Reported receipts of 335 calves, 99 cows, 25 bulls, 20 heifers, 31 goats, 11 steers, 59 hogs, 31 lambs, 9 sheep. Cattle market reported very active. Calf market reported back to farm higher.

Holstein Heifer Calves to 145.00; Veal Calves to 81.00; Bobs, 90 to 110 65.00-108.00; Bobs, 80 and down 40.00-60.00; Grassers & Feeders 44.00-70.00; Lambs 55.00-80.00; Sheep 12.00-22.00; hogs, 200-250 lbs. 46.50-51.00; Sows 36.00-47.00; Boars 35.00-38.00; Pigs 20.00-37.00; Heifers 47.00-53.50; Steers medium 44.50-47.75; Steers, feeder 48.00-64.00; Bulls 48.00-53.75; Cows, utility 46-48, top 53.50, Cows, fat 42.00-46.00; Cows, medium 41.00-44.00; Cows, poor or small 34.00-40.00; *Horses no good ones* available; Ponies to 170.00; Goats 13.00-45.00.

Four States Livestock

Hagerstown, Md.
Wednesday, July 8
Report supplied by auction

SLAUGHTER: Fed Steers Steady prices. Choice 61.00, Good 55.00-60.00; Medium 54.00 Down. Heifers Choice 56.00-58.76; Good 50.00-55.00; Medium 49.00-Down. Cows Good run, $1.50 higher. High Yield 47.00-48.85; Average 43.00-46.00; Big Middle 39.00-42.00; Fatty Herf. 38.00-41.00; Shelly 40.00 Down. Fat Bulls $1.50 higher. Good 55.00-59.00; Medium 50.00-54.00. Veal Calves Heavy calves steady. Light calves $6.00 lower. Choice 86.00-89.50; Good 75.00-85.00; Medium 62.00-74.00; Farm Hfrs. to 120.00; Farm Bulls to 90.00; Light & Weak 54.00 Down. Lambs Good run, steady prices. Choice 62.00-66.75; Good 57.00-61.00; Medium 56.00 Down.

STOCKER: Steers 300-550 lbs. Steady prices. Choice 63.00-65.00; Good 59.00-62.00; Medium 53.00-58.00; Culls 52.00 Down. Steers 600-850 lbs. Choice 60.00-62.00; Good 55.00-59.00; Medium 54.00 Down. Heifers (All Weights) Choice 53.00-58.00; Good 47.00-54.00; Medium 46.00 Down. Bulls Choice 58.00-63.00; Good 52.00-57.00; Medium 51.00 Down. Dairy Cows to 760.00. Springing Heifers to $735.00. Pigs, Hd. Mostly steady. 20-30 lbs. 14.00-23.00; 40-50 lbs. 24.00-30.50. Shoats by Lb. to 52.00. Slaughter Hogs $1.50 higher. 210-230 lbs. 51.60-52.75; 240-260 lbs. 51.75-52.50; 190-205 lbs. 50.50-51.50. Sows Strong demand. 300-650 lbs. 46.00-52.75; Thin Sows 38.00-45.00.

Eighty-four Auction

Eighty-four, Pa.
Monday, July 13
Report supplied by auction

CATTLE 268. Choice slaughter steers 61.50-65.50, Good 54.50-59.00, Standard 46.50-53.25. Choice slaughter heifers 58.00-61.50, Good 52.00-57.50, Standard 45.00-51.50. Cutter slaughter cows 45.00-49.85, Canner & Low Cutter 41.00-44.50, Shells down to 24.00. Yield Grade #1 slaughter bulls 50.00-56.25; yield grade #2 45.00-58.50. Good 300-500 lbs. feeder steers 45.00-62.50; Good 250-500 lbs. feeder heifers 42.00-58.50.

CALVES 333 Choice vealers 80.00-98.00, Good 60.00-79.00, Standard & Good 70-90 lbs. 50.00-63.50. Farm calves, holstein bulls 70.00-107.00; holstein heifers 75.00-137.50; beef cross bulls & heifers 60.00-75.00.

HOGS 56. US No. 1-2 200-240 lbs. barrows & gilts 45.00-51.75, No. 1-3 245-260 lbs. 49.50-50.00, No. 2-3 265-300 lbs. 43.00-45.00. US No. 1-3 sows 35.00-45.00. Boars 25.00-40.25.

FEEDER PIGS 36. US No. 1-3 20-38 lbs. feeder pigs 15.00-23.00 per head, No. 1-3 40-50 lbs. 25.00-33.50 per head.

SHEEP 230. Choice 80-110 lbs. spring slaughter lambs 54.75-57.00, Good 70-80 lbs. 52.50-60.00, 60-70 lbs. 51.50-54.00, 40-55 lbs. 40.00-46.50. Slaughter ewes 11.25-20.00.

GOATS 5.

Peoria Cattle

Thursday, July 16

Compared to last week slaughter steers 1.00 to 1.50 lower. Heifers .50 to 1.00 lower. Cows under pressure late mostly 2.00 lower. Bulls steady to weak. Trade throughout the week slow with buyers in search of steers and heifers in excess of 1050 and 950 lbs. The heavy supply of steers and heifers weighing under 1050 and 950 lbs. found very light demand and narrow outlets; therefore, these consignments discounted accordingly. Receipts this week 2950 as compared to 2620 a week ago and 3232 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1250 lbs. 66.50-68.50. Closing 66.50-67.50. Package and part load 1185-1250 lbs. Monday at 69.00. Mixed Good and Choice 2-3 950-1250 lbs. 65.00-68.00, largely 65.00-66.50 on Wednesday. 900-950 lbs. 62.00-65.00. Good 61.00-65.00. Good and Choice 2-3 1025-1300 lbs. holsteins 57.50-59.25. Package Standard and Good 53.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1025 lbs. 64.50-66.25, closing 64.50-65.50. Mixed Good and Choice 2-3 850-1000 lbs. 61.00-64.50. Good 56.50-61.00.

COWS: Utility and Commercial 2-3 40.00-46.00, late 40.00-44.00. Cutter 39.00-44.00, late 38.00-42.00.

BULLS: YG 1-2 1050-1850 lbs. 49.00-55.00.

Computer Slaughter Lamb Sale

Dublin, Va.
Friday, July 10
Report supplied by VDA

There were 543 head sold. All lambs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Choice & Prime 95-125 lbs. 66.00-66.25; Choice 85-125 lbs. 63.00-63.25.

Take up points are Dublin, Seven Mile Ford and Tazewell, Va.

Lamb Sale

Madison Mills, Va.
Wednesday, July 8
Report supplied by VDA

There were 111 head sold. All lambs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Choice & Prime 95-125 lbs. 66.50; Good & Choice 75-90 lbs. 55.00; Choice 85-125 lbs. 62.00.

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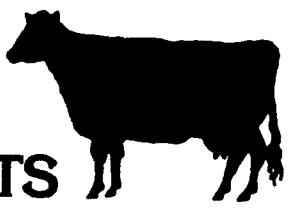

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Livestock market and auction news

Belknap Auction

Dayton, Pa.
Wednesday, July 15
Report supplied by PDA

CATTLE 140. Compared with last Wednesday's market, slaughter cows mostly 50 cents lower. Few High Choice & Prime 1390-1565 lbs. slaughter steers 63.25-65.00, few Good 56.25-58.25, Standard 48.00-55.75, Utility 40.00-47.25. One Choice slaughter heifer at 57.00, few Standard 44.25-47.00. Utility & Commercial slaughter cows 46.00-48.25, one at 49.50, Commercial No. 4-5 42.00-44.50, Cutters 43.00-46.50, Canner & Low Cutter 34.00-43.00, Shells down to 27.50. Few Utility slaughter bullocks 40.00-45.25. Few Yield Grade #1 1185-1650 lbs. slaughter bulls 55.00-60.00; one yield grade #2 1830 lbs. at 50.00. Medium Frame #1 330-510 lbs. feeder heifers 42.00-53.00; Medium Frame #1 330-510 lbs. feeder bulls 50.00-57.50, one at 60.00.

CALVES 149. Vealers grading Good & Choice $5 to $10 higher. Standard weak to $5 lower. Few Choice vealers 85.00-90.00, Good 67.00-83.00, Standard 50.00-60.00, Standard & Good 90-125 lbs. 50.00-60.00, 65-85 lbs. 40.00-50.00, Utility 50-80 lbs. 25.50-40.00. Farm calves, holstein bulls 90-130 lbs. 57.50-86.00, 80-90 lbs. 55.00-65.00.

HOGS 244. Barrows & gilts 50 cents higher. US No. 1-2 210-245 lbs. barrows & gilts 52.80-54.00, No. 1-3 200-250 lbs. 50.70-53.00, No. 2-3 200-275 lbs. 48.00-50.50, No. 1-3 175-195 lbs. 45.00-48.00. Sows $2 to $3 lower. US No. 1-3 290-640 lbs. sows 41.75-46.50. Boars 28.00-35.00.

FEEDER PIGS 130. One Lot US No. 1-2 40 lbs. feeder pigs 34.00 per head, No. 1-3 15-30 lbs. 11.50-21.50, No. 1-3 30-40 lbs. 21.50-31.00 per head, No. 1-3 110-155 lbs. 42.50-45.50 cwt.

SHEEP 19. Choice 90-105 lbs. spring slaughter lambs 55.00, one at 56.00.

Oklahoma Cattle

Thursday, July 16

Estimated Receipts	4,900
Same Day Last Week	3,984

Feeder steers under 500 lbs. weak to 2.00 lower; over 500 lbs. steady Feeder heifers steady. Feeder demand moderate. Bulk supply Medium Frame 1 and Mixed 1-2 400-900 lbs. steers and 400-750 lbs. heifers.

FEEDER STEERS: Medium Few Large Frame 1 395 lbs. 68.50; 450-500 lbs. 65.00-67.00; 500-600 lbs. 60.00-64.90; 600-700 lbs. 60.80-62.60 several 61.75-62.60, some lots thin 62.75-64.00; 700-800 lbs. 59.80-61.90; 800-900 lbs. 59.50-61.10. Medium and Large Frame Mixed 1-2 375-500 lbs. 60.00-65.00; 500-700 lbs. 58.25-62.00; 750-900 lbs. 56.30-59.00. Medium and Large Frame 2 575-700 lbs. 54.50-59.50. Large Frame 2 Holsteins 270 lbs. 64.00; 425-600 lbs. 50.50-53.50; 600-755 lbs. 48.00-51.00; 850-910 lbs. 49.80-50.60.

FEEDER HEIFERS: Medium Few Large Frame 1 370-500 lbs. 54.75-58.40; 500-750 lbs. 54.50-56.50; fleshy 450-750 lbs. 53.50-54.75. Medium Few Large Frame Mixed 1-2 400-775 lbs. mostly 52.00-55.00. Medium Few Large Frame 2 400-750 lbs. 48.50-52.25, most 50.00 up.

FOR THE WEEK: Feeder steers 1.00 lower, some late sales under 500 lbs 1.00-2.00 off. Feeder heifers 1.00-2.00 lower. Slaughter cows 2.00 lower. Mid-week sales Utility and Commercial 2-4 41.00-43.70. Lots Mixed Cutter and Utility gaunt 44.80-45 80. Cutter 1-2 40.00-42.00. Canner and Low Cutter 36.50-39.25. Bulls 4.00 lower. YG 1-2 850-1800 lbs. 47.50-53.25; high dressing 1375-1800 lbs. 52.25-55.00, instances 57.00. Salable receipts this week near 20,500 compared with 14,019 last week and 34,701 last year. Feeder cattle and calves made up 91% of receipts; cows and bulls 9%.

Chambersburg Auction

Thursday, July 16
Report supplied by PDA

CATTLE: 347. Compared with last week's market: Slaughter steers .25-1.25 lower; Sl. cows steady-1.00 lower. Sl. steers: few High Choice & Prime 65.85-67.25; Choice No. 2-4, 975-1350 lbs. 64.75-66.85, Good 57.75-62.50; few Standard 52.00-57.50; Sl. heifers: Choice 58.00-64.00; few Good 56.00-59.25. Sl. cows: Utility & Commercial 43.60-46.60; Cutters 42.25-45.50; Canner & L. Cutter 37.35-41.75; Shells down to 33.25. Sl. bullocks: Few Good 57.75-58.85. Sl. bulls: Yield Grade No. 1, 50.75-54.85.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 400-800 lbs. 46.00-60.00.

CALVES: 210. Vealers about steady. Choice 75.00-91.00; Good 65.00-74.00; 70-95 lbs. 55.00-60.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 75.00-100.00; Hol. Heifers 60-80 lbs. 53.00-60.00; 90-150 lbs. 85.00-125.00.

HOGS: 51. Lot No. 1-3 215 lbs. at 52.75; lot No. 2-3 265 lbs. at 51.85; Lot No. 1-3 165 lbs. at 38.50; Sows US No. 1-3 350-725 lbs. 44.75-47.75. Few Boars 38.00-39.25.

FEEDER PIGS 33. Few lots US No. 1-3 20-30 lbs. 19.00-23.00.

SHEEP: 0.

GOATS: 14. 16.00-38.00 per head.

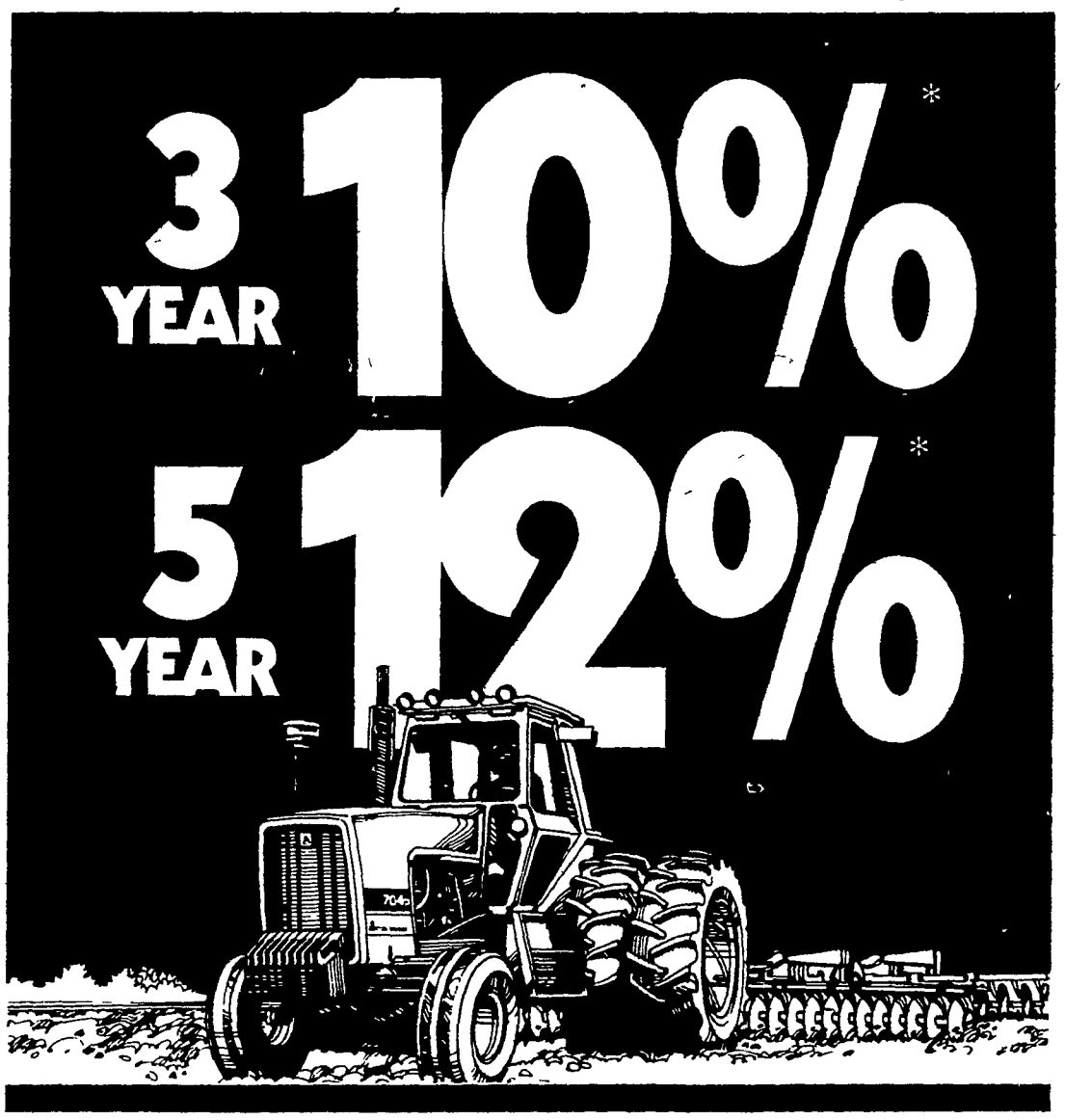
Slaughter Cattle Sale

Fauquier, Va.
Tuesday, July 7
Report supplied by VDA

There were 149 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Choice Steers: 2-3 950-1050 lbs. 65.00-65.50; Choice Steers: 2-3 1050-1240 lbs. 65.50-66.75; few singles 60.00-68.50; Good Steers: 2-3 1000-1267 lbs. 61.75-65.50; 1 Good Holstein Steer 2 1425 lbs. 60.25; Choice Heifers 2-3 900-1066 lbs. 62.00-64.30; Utility Cows: 2-3 1185-1270 lbs. 42.75-49.00.

ALLIS-CHALMERS ANNOUNCES



LOW COST FINANCING

Say Good-Bye To High Finance Costs.

Buy any new over 40 HP Allis-Chalmers tractor** and choose one of the following
• 10% 3-Year Annual Percentage Rate Financing* • 12% 5-Year Annual Percentage Rate Financing*
• Big Cash-Back Check • No-Charge Financing til March 1, 1982

PLUS In addition to one of the four options listed above on tractors over 100 HP you ll receive an additional Purchase Bonus Rebate check in the amount of $1200

Add the incentive-to-buy values up You may never see a total program with low-cost financing like this again It s Allis-Chalmers way of making a tractor purchase affordable Compare these deals to anything in the industry And compare our tractors feature for feature against the competition for fuel efficiency, high torque back-up and horsepower-saving hydraulics Allis-Chalmers tractors are better by design And don t forget to check into our low-cost leasing program Finally, take a free Demo Drive and receive up to $1 000 in cash if you buy a new Allis-Chalmers tractor (100 h p and above) before Sept 25 1981 Except models 5040 and 175 tractors

This is A Limited Time Offer. See Your Allis-Chalmers Dealer For Details.

Better by Design
ALLIS-CHALMERS

113"

FOR SALE
Hybrid Boars & Gilts
Why Buy From Us?
1. Boars & Gilts delivered direct from our farms.
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3. Validated Brucellosis Free!
4. Negative Tested Pseudorabies!
5. Vaccinated against Erisypelas, Lepto & Rhinitis!
6. Boars Guaranteed to Breed!
7. Gilts delivered subject to approval!

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Lititz, PA 17543
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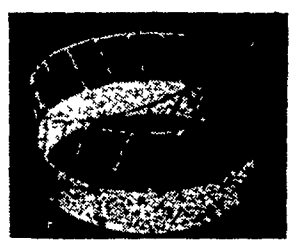
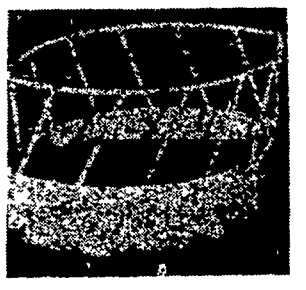
THE HAY SAVER
Round 3 Section Slant Bar Feeder



- Ideal For Feeding Grain, Silage, Loose Hay, Square or Round Bales.
- 6'6" Diameter Enables Animals To Clean Center Of Feeder Better

- Any Section Can Be Opened For Easy Filling
- for Larger Feeder Use 4 Sections
- For Minimum Feed Loss & Smaller Animals Use 2 Sections



Reg. Price $155.00
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Above price for 3 sections, $46.50 per section
These Smaller Sections Enable Easy Handling & Shipping
(Deliveries Available) (Dealer Inquiries Welcome)

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3 mi. S.W. of New Holland

Off the Sounding Board

By Sheila Miller, Editor

Looking to 'big brother'

There's a wave of anticipative excitement surging through the pipelines of Maryland Milk Producer Cooperative members these days At a time when other milk cooperatives are gazing with some skepticism at the future, these foresighted dairy producers are contemplating a move that will help to insure a brighter, more stable market for their milk sales.

The Maryland Co-op members, counting many Pennsylvania producers in their ranks, have been actively seeking a method for improving their options during the past year. They seem to have found what they've been looking for in a possible merger with Dairymen, Inc , a progressive co-op boasting 6,800 members and a strong Class I marketing plan

If the Maryland Co-op members elect to tuck themselves under the wing of Dairymen as a proposed Mid-Atlantic division, this would bring the membership of dairy producers up by 1,200 The old addage of strength in numbers will allow the producers to spread their assessment costs across a larger base. Of course, profits, too, would have to be dealt out to more members.

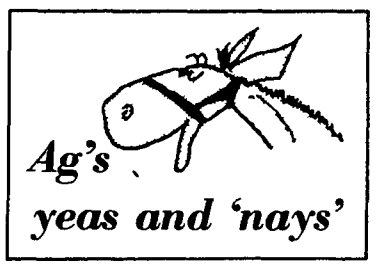
For all immediate purposes, this seems to be the shot in the arm the doctors called for in the case of this viable Maryland co-op By teaming up with Dairymen, what was a seemingly 'insignificant' co-op would now have a stronger voice and more impact on policy making on a national basis.

The cooperators would also have the advantage of the larger co-op's technological advances — the production of sterile milk for a potentially significant international market Here at home, they continue to peddle large quantities of milk to the growing population in the sunny south — Diarymen's main marketing area

Although not every small milk cooperative has the chance or the desire to link up with 'big brother' co-op, this appears to be a beneficial move for this particular group Unfortunately, in this day and age, bigger does equate better

The larger the team, the greater the force behind its plays. Legislators tend to sit up and take more notice to a group that speaks for thousands of dairy producers.

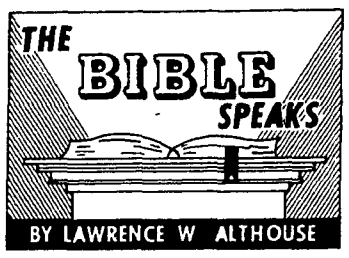
What also is encouraging for the Maryland Co-op members



is that Dairymen is a young, innovative organization — not tied into the "way things used to be" thinking. This co-op initiated the cull cow program in an effort to reduce the milk glut experienced this year, asking its members to unload those old grain guzzlers whose milk output helped keep milk tanks near to overflowing

It is anticipated that the Maryland Co-op members will benefit greatly from the increased marketing area and the more widespread production season. While fellow members in Florida and Alabama are experiencing the spring flush around March, Maryland and Pennsylvania cows will just be gearing up for their top production period of April-May.

Maryland Co-op members should be congratulated for planning ahead even when things are running relatively smoothly and the pocketbook isn't being pinched. Whether or not the proposed merger will come to pass depends on the yea's and nay's of the producers.



HOW COME?
July 19, 1981

Background Scripture:
Deuteronomy 6:16 through 7:26; 9:4,5
Devotional Reading:
Nehemiah 1.4-11b.

"How come we have to go to that old church again?" a teenage son, summoning courage at last, demanded of his father. With a withering look that the teenage son could have misinterpreted, the father replied: "I'll show you 'how come' if you want!" The son's chin sank to his chest to hide his clenched teeth as he turned and walked away in defeat. The father also turned away, having prevailed once again, he put the question from his mind

When Your Son Asks

But the father's "victory" was actually a "defeat," for he missed a golden opportunity to help his son to understand and appreciate the reason behind the seemingly repetitive and meaningless ceremonies of their church life. He forgot—assuming that he once knew—that when we explain some of the "whys" of our religious life, we can remove some of the barriers to understanding and motivation.

In Deuteronomy, Moses lays it out with beautiful simplicity when he instructs the fathers of Israel:

When your sons asks you in time to come, "What is the meaning of the testimonies and statues and the ordinances which the Lord our God has commanded you?" then you shall say to your son, "We were Pharoah's slaves in Egypt; and the Lord brought us out of Egypt with a mighty hand; and the Lord showed signs and wonders...(Deut. 6.20-23).

The question "why?" is a natural one for our youth, so, instead of feeling threatened or challenged by it, seize the opportunity to put some reasons to the faith we follow. Tell them what God has done for his people. For the Jewish faith this question has become an integral part of the celebration of the Passover in the home. The whole purpose of the Passover meal and ceremony is a structured answer to the Jewish youth's anticipated question of "why?" Thus, at each Passover meal, the outline of God's saving acts in history are recounted to remind the elders and inform the youth of the reasons that lie behind their Jewish heritage.

A God Who Keeps Covenant

The question of "why?" is also an opportunity for us to tell, not only what God has done for his people as a whole, but ourselves in particular. **I go to that "old church" Sunday after Sunday—despite the fact that the sermons don't always interest me, the music's not what I'd like it to be, and the ritual is sometimes obscure—because of what God has done for me in my life. And I read that "old book" because—although I sometimes don't understand it and some parts leave me "cold" — because my own experience in life confirms its major themes: that of all the things I can depend upon is the faithful love of God.** That's the kind of answer we can give when we take our responsibility seriously.

When your children ask you, "How come?", what will you say?

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Be Aware of Farm Safety Week

National Farm Safety Week starts July 25 and runs through July 31.

This week is set aside to remind us of the importance of safety. The most recent Pennsylvania safety estimates show at least 53 state residents died in farm accidents in 1980.

Tractor accidents resulted in the most fatalities last year. In many cases, the operator overturned the machine in the field or was thrown from the tractor and run over. Other cases involved small children as extra riders and injuries from equipment trailing the tractor.

There were fewer fatal accidents involving machinery other than tractors last year than in 1979. In 1980 there were three fatal accidents reported which involved a combine, silo conveyor belt and corn dump.

The total number of fatal accidents reported so far this year is lower than it has been in the last four years. We hope this continues. Let's develop safe habits and practice them everyday.

To Graze Sudan and Sorghum Grasses Carefully

Some livestock producers plant sudan grass or one of the hybrid sorghums for extra summer pasture. These grasses have the ability to grow well during the heat of the summer. However, they should be managed carefully in order to prevent livestock poisoning.

When the sudan grass is grazed or green-chopped before it is 18 inches high, and it the sorghum hybrids are used before they are 24 to 30 inches high, there is danger of prussic acid poisoning. There is greater danger with the sorghum hybrids.

After the herd or flock has grazed the area, it should be clipped high, and then the regrowth allowed to reach the same length before using as fresh feed.

Horses should not be allowed to graze or eat either of these two forage crops. It has been blamed for causing urinary bladder infection in equines.

Manage sudan grass and sorghums carefully for best results.

To Be Careful With Sprayers

Chemical herbicides are used quite commonly these days when trying to control weeds This requires our sprayers to be used for a number of purposes.

We have seen several cases of herbicide damage on tobacco this year. Most were due to improper sprayer cleaning before treating the tobacco field.

Chemical weed killers such as 2,4-D will stick to the sprayer equipment for years, unless soaked and washed with ammonia water and other strong detergent.

It is best to flush the sprayer and hoses with clean water before filling and finish with the ammonia water.

To Feed New Grains Carefully

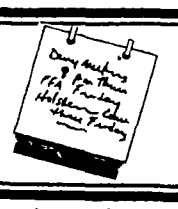
The winter barley and wheat crop is now in the bin on most farms.

If these grains are to be fed, it is suggested the feeder go easy at first in order to prevent scours or bloating in animals. If the grain is allowed to "cure" or go through the sweat period for two to three weeks, it will be safer to use.

A small percentage of the feed mixture (10 to 20 percent) would be a starting place and then gradually increase the amount. In the case of wheat, use a smaller amount because of the nature of the cracked grains and the danger of digestive trouble

Make changes in any ration gradually for best results

Farm Calendar



Today, July 18

Penn State Horse Field Day, 10 a.m., Old Horse Barn, main campus

Conservation Bus Tour, Hunterdon Co., New Jersey, for more information call Extension, (201) 782-3915.

Shippensburg Community Fair, Shippensburg, until Saturday

Dairy Goat Field Day, 1-4, Jacob Fisher Farm, Manheim

Monday, July 20,

8th National Junior Polled Hereford Heifer Show, Kansas State Fairground, Hutchinson, Kansas, continues through Friday

Kimberton Community Fair, Kimberton, until Saturday

Jefferson County Town and Country Fair, until Saturday

Tuesday, July 21

Shippensburg Fair FFA and 4-H Show and Sale, Show 10-2, sale 6 p.m.

Jefferson Township Fair, Mercer, until Saturday

Dover field days, continues through Wednesday, York plowing contest

Delaware Irrigation Field Day, Louis O'Neal farm, Laurel 6:30 p.m. - 9 p.m.

Lancaster Co. Ag. Council 7:30, Lan. Chamber Office

Wednesday, July 22

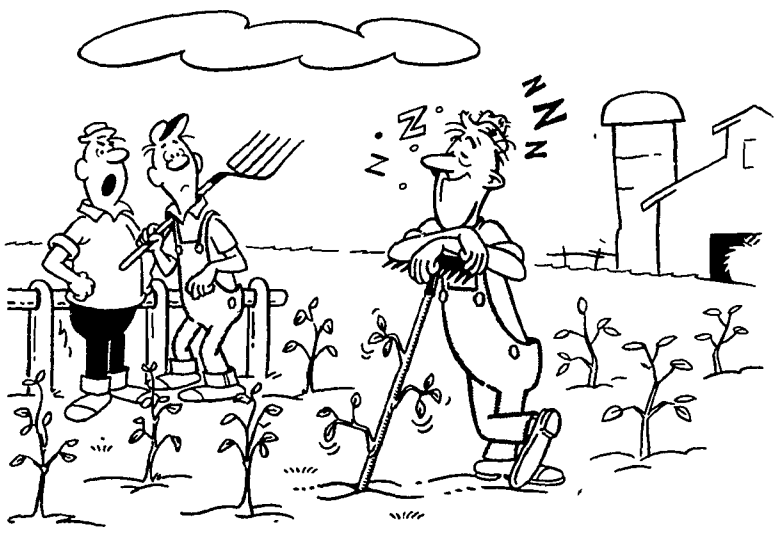
Lancaster County 4-H Roundup, Solanco Fairgrounds

1981 PA state plowing contest, Dover

Conneaut Township Fair, Conneautville, until Saturday

(Turn to Page A12)

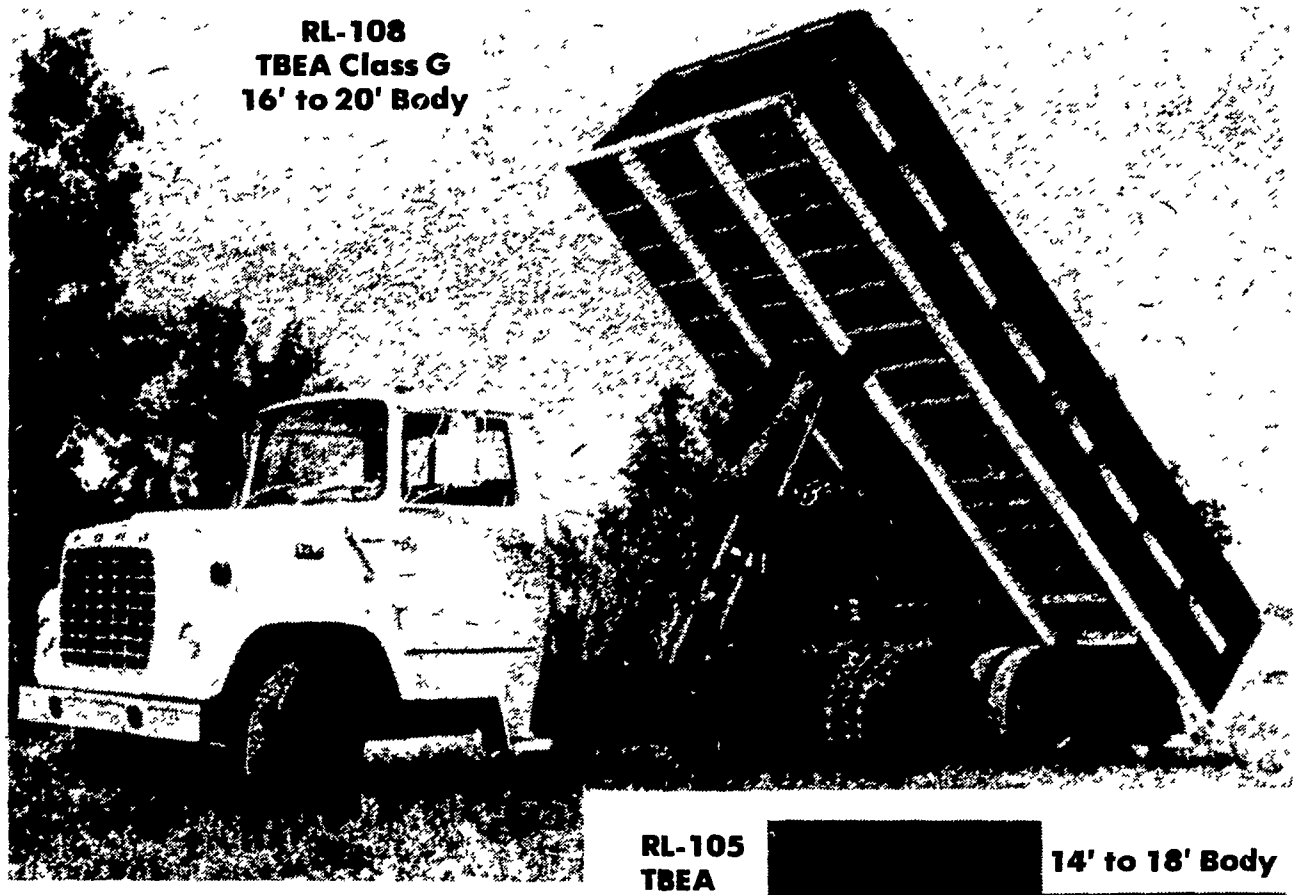
HAY HAWS



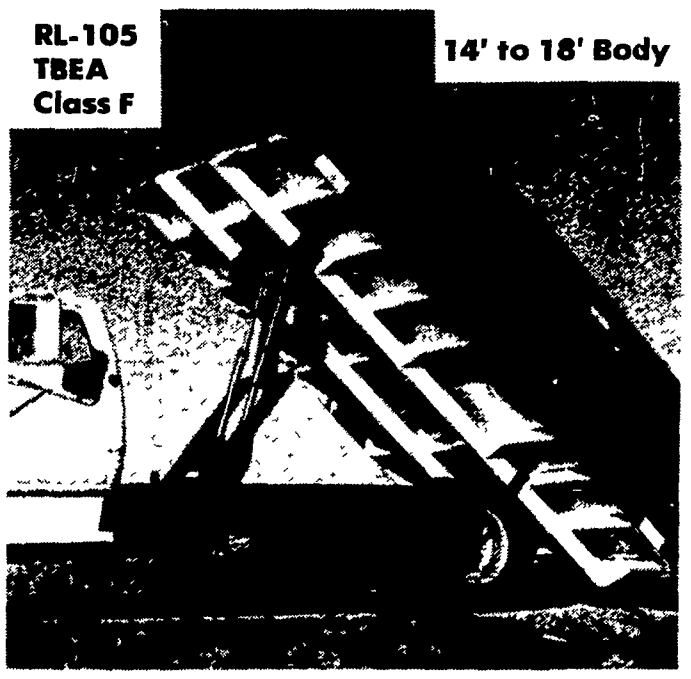
I'd say that old Tom has been there for some time now.

HARSH HOISTS

WHY BUY A COPY...WHEN YOU CAN HAVE THE ORIGINAL?

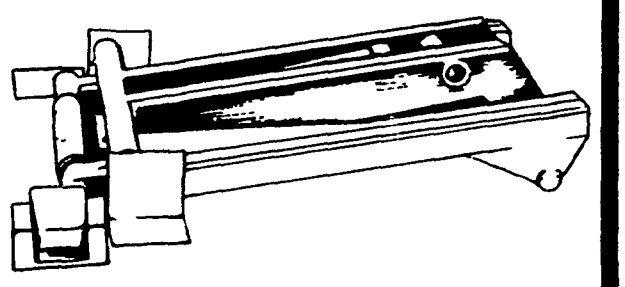


- Thirty years as the leader in hoist design and research makes HARSH the name to be trusted in hydraulic hoists.
- Unique telescopic scissor hoist.
- Models available to fit 12-26 ft. bodies.
- The one-piece Rigid-Lift hoist weighs less than the competition's hoist and "add-on" unit.
- HARSH's one-piece unit is quickly installed.
- And best of all, the price of an original HARSH Rigid-Lift hoist is competitive with all the copies!



HARSH HOIST

LOW PROFILE-090



- Now a Hoist for 8' to 13'6" Body Lengths — TBEA Class C
- 6" Mounting Height — No Notching of Box Cross Members on 6" Longitudinal
- Available with Electric or P.T.O. Driven Pump
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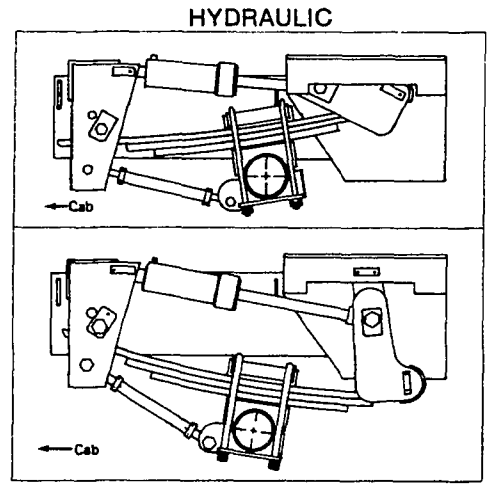
- High Polish Hard Chrome Cylinder for Long Life

WE NOW HAVE IN STOCK HARSH TRUCK SUSPENSIONS

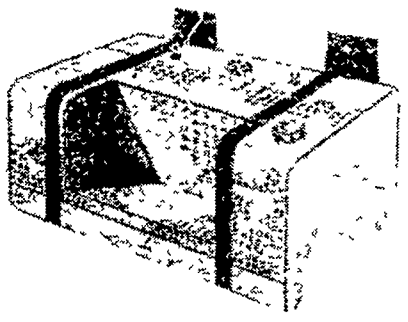
"TRACTION-LIFT®" HEAVY DUTY PUSHER OR TAG HYDRAULIC



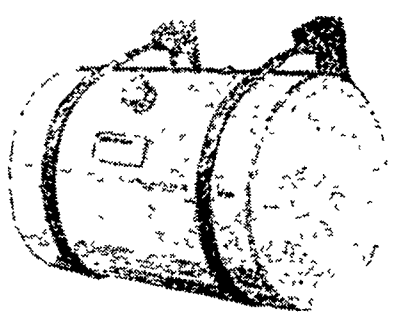
COMPLETE LINE OF CHELSEA

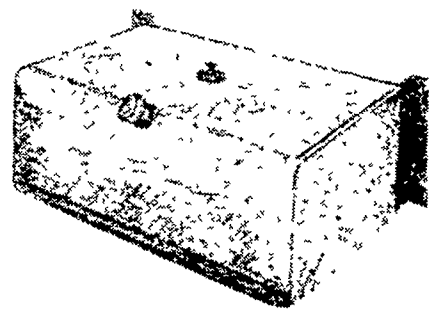
POWER TAKE-OFFS
IN STOCK

HARSH FUEL TANKS



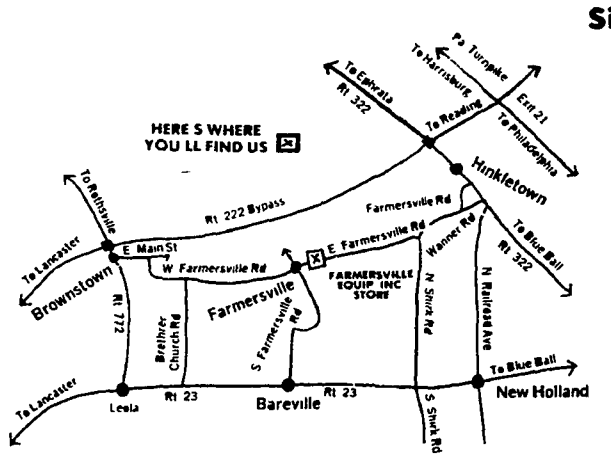
50 GAL. STEP TANK — $380.00 w/Brackets





CENTER FILL MODEL	30 gal. - $223.00	
	40 gal. - $253.00	
	50 gal. - $273.00	
	60 Gal. - $293.00	
SCHOOL BUS TANK	30 gal. - $208.00	
	40 gal. - $233.00	
	50 gal. - $265.00	
	60 gal. - $290.00	

Single Fuel Line Kit for above tanks: $36.00
Installation Charge: $25.00 per tank



FARMERSVILLE EQUIPMENT INC.

RD 4, Ephrata, PA. **717-354-4271**

HOURS: Mon., Tues., Wed. & Fri. 7:30 AM to 5:30 PM; Thurs. to 8 PM; Sat. till 3 PM

Charles L. Mulchi, associate professor of agronomy at the University of Maryland, measures ozone levels around young tobacco plants as part of his three-year study of the impact of air pollution on early tobacco growth. Results of that study will be discussed at the university's tobacco experiment farm during the 31st annual field day.

Tobacco field day coming

COLLEGE PARK, Md. — The University of Maryland's tobacco experimental farm near Upper Marlboro will host its 31st Annual Field Day on Wednesday, July 29, for professional tobacco growers and the public.

The event is jointly sponsored by the Maryland Agricultural Experiment Station, the Maryland Cooperative Extension Service and the U.S. Department of Agriculture.

Wagon tours of recent farm research activities, conducted by representatives of all three agriculture groups, will run from 9:30 a.m. to noon, according to Claude G. McKee, professor of agronomy and MCES tobacco specialist.

More than 600 Maryland tobacco growers are expected to see such research studies as primed air-cured vs. stalk-cut Maryland tobacco, air pollution impact on early tobacco growth, weed control, disease, and topping practices.

A new tobacco variety, scheduled for release for next year's growing season, will be unveiled and demonstrations of harvest and spray equipment will be shown, McKee said.

The tobacco research farm is located four miles north of Upper Marlboro along Route 202.

Weather checks potato blight

YORK — The outbreak of Potato Late Blight discovered in southeastern York County has been held in check by the recent hot, dry weather, according to the Pennsylvania Department of Agriculture.

An Infrared aerial check of the area showed three or four spotty patches of the fungus disease within a three-mile radius. This area has been sprayed to contain the disease. Since growth and spread of the fungus depends on damp, humid weather, the weather has also cooperated, a PDA spokesman said.

Beat the Heat with Eggs

Farm Calendar

(Continued from Page A10)

Plainfield Farmers Fair, Nazareth, until Saturday
Energy Saving Workshop, Lower Paxton Township Building, Rm. 218-B, Harrisburg
Dela. Irrigation Field Day, Francis Winkler farm, Harrington, 6:30 p.m. - 9 p.m.
Public meeting on hazardous waste sites, 4-7 p.m. Room 31, Education Bldg. 333 Market St. Harrisburg

Thursday, July 23

Lancaster County Holstein Show, Solanco Fairgrounds
Adams pesticide update training, 10-8, Extension Office, 999 Lincoln Way West, Gettysburg
York Co. Holstein Club picnic, 10 a.m., Buppland Farms
Dela. Irrigation field day, Don Isaacs farm, Middletown, 6:30 p.m. - 9 p.m.

Saturday, July 25

Jefferson County Holstein Club Sale, noon at Sykesville Fairgrounds
National Farm Satety Week, until July 31
Dauphin Co. Farmers Assn. family picnic, Halifax Community Park, Halifax, 7 p.m.

500 SERIES Bobcat

540-Air Cooled Gas
543-Liquid Cooled Diesel

Compact & Powerful, 800 lb. Operating Capacity

COMPARE THE FEATURES:

☑ PERFORMANCE
800 lb capacity with dump reach up to 32' When you work a Bobcat, you'll feel the power at the wheels for manuverability and stability throughout full load cycles

☑ SERVICABILITY
Tip up rollover protection structure for easier accessability to hydrostatic components & steering linkage 3/8" steel rear door on pin hinges makes routine maintenance a snap bigger batteries and starters, dual element air cleaners

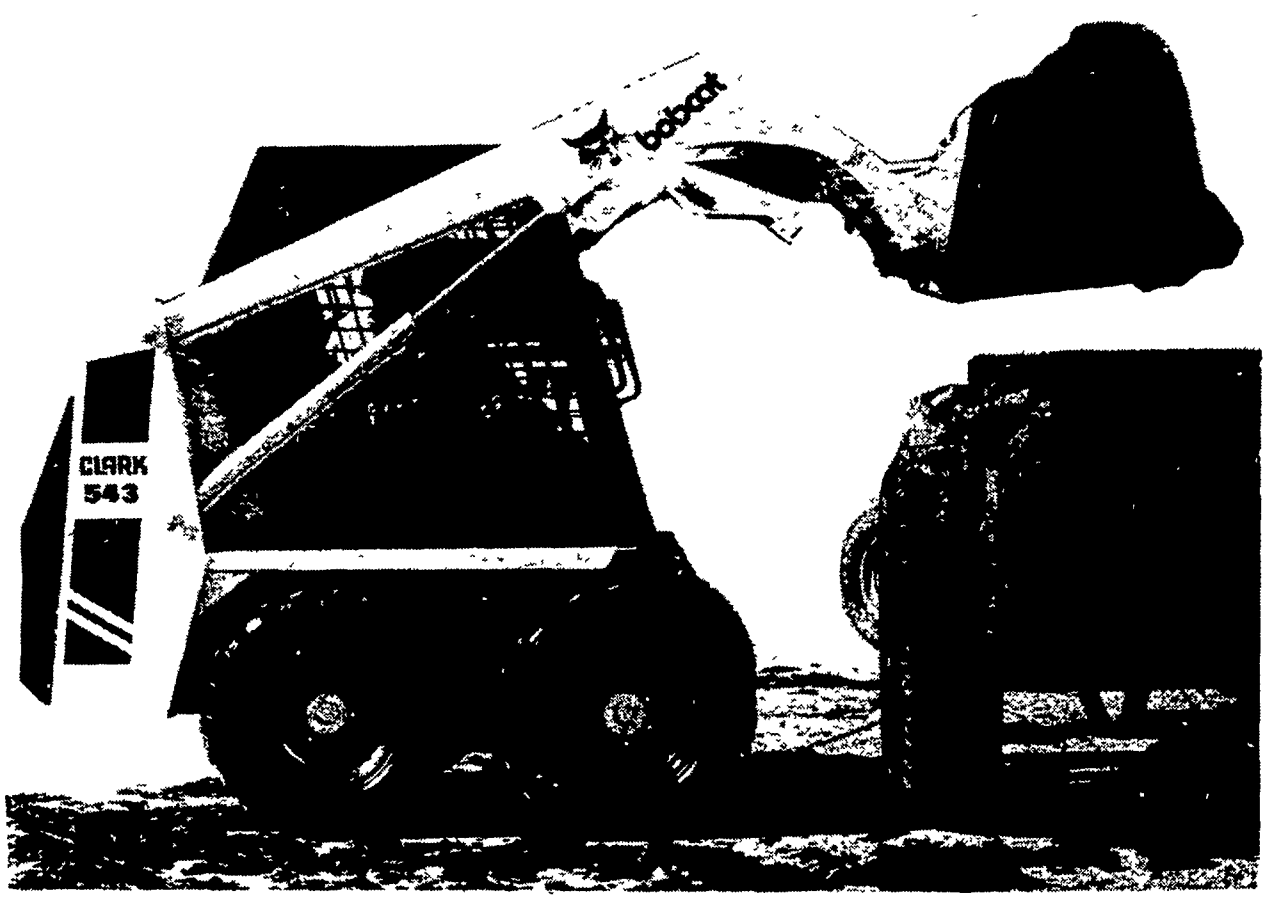
☑ SAFETY

EXCITING NEW CONCEPT FOR SAFETY & COMFORT "THE SEAT BAR"

Multi-purpose padded seat bar is in place at top of cab. When operator is seated, he fastens seat belt before pulling down seat bar. Rear window serves as emergency exit, if necessary

Seat bar allows adequate body clearance for range of operator sizes. Bar is quickly, easily pulled down by hand and secured at waist level, providing additional restraint protection that prevents operator from falling forward.

With bar in place, spring lock is disengaged, activating foot pedals which operate loader hydraulics. Foot pedals are locked when bar is in "UP" position, preventing lift arms from moving.



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BOBCAT...#1
13 Models Up To 3700 Pound Capacity

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Harrisburg, PA — HIGHWAY EQUIPMENT & SUPPLY CO. — 717-564-3031
Myerstown, PA — SWOPE & BASHORE INC. — 717-933-4138
Mill Hall, PA — DUNKLE & GRIEB — 717-726-3115
Tunkhannock, PA — BARTRON FARM SUPPLY — 717-836-3740
Chambersburg, PA — CLUGSTON IMPLEMENT INC. — 717-263 4103
Honey Grove PA — NORMAN D. CLARK & SON INC. — 717 734 3682
Palm, PA — WENTZ FARM SUPPLIES INC. — 215-679-7164
Slatington, PA — SCAT ENTERPRISES INC. — 215-767-1711
Quarryville, PA — GRUMELLI'S FARM SERV. — 717-786-7318
Drums PA — HIGHWAY EQUIPMENT & SUPPLY CO. — 717-788-1127
Martinsburg PA — BURCHFIELD'S INC. — 814-793-2194
Centre Hall, PA — DUNKLE & GRIEB — 814-364-9109
Southampton, PA — RHODES EQUIP. CO. INC. — 215-677-6000
Airville, Pa — AIRVILLE EQUIP., INC. — 717-862-3358

Livestock market and auction news

Slaughter Cattle Sale

Fredericksburg, Va.
Thursday, July 9
Report supplied by VDA

There were 57 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Choice Steers 2-3 900-1050 lbs. 61.50-63.25; 1050-1250 lbs. 60.25-63.90.

Good Steers 2-3 1000-1200 lbs. 55.00-59.75.

Choice Heifers 2-3 800-900 lbs. 57.00-58.60; 900-1000 lbs. 59.00.

Slaughter Cattle Sale

Harrisonburg, Va.
Thursday, July 9
Report supplied by VDA

There were 220 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Steers: Choice 2-3 1000-1350 lbs. 63.25-67.50; Singles 2-3 62.00-64.50; Good 2-3 950-1150 lbs. 61.20-64.75; Singles 2-3 57.00-63.00; Good Holstein Steers 1050-1350 lbs. 54.50-59.00; Choice Heifers 2-3 550-1050 lbs. 60.00-65.20; Good 2-3 730-950 lbs. 53.50-58.75.

Omaha Cattle

Thursday, July 16
Report supplied by USDA

Through midweek slaughter steers 1.25-1.50 lower. Heifers 50-1.00 lower. Cows 2.50-3 50 lower Bulls steady

Four Day Receipts 10,262, last week, 9,891, year ago 12,922

Steers made up 46 pct. of week's receipts, heifers 32 pct , cows 11 pct In spite of modest salable numbers, slaughter steer and heifer prices trended lower for the third consecutive week, as dressed trade continued in a depressed state Buyers very selective for kind, concentrating best demand on choice steers and heifers weighing over 1100 lbs. and 950 lbs respectively Supply of cattle scaling under afore mentioned weights again quite large and in many cases these kinds subjected to broad discounts. The sharp increases in cow prices of a week ago were completely erased as demand turned very narrow at midweek.

STEERS Earlier in week four loads Choice 2-4 1150-1300 lbs. 70 00. At midweek, Choice 2-4 1100-1300 lbs 67 50-68 50, two loads 68 75 Two loads Choice 3-4 1225 lbs 67 00 Mixed Good and Choice 2-3 1050-1250 lbs 66 50-67.50 Good 64.00-67.00, some 950-1000 lbs. to 62 50 Few Mixed Good and Choice 2-3 and Good 1250-1400 lbs. holsteins 58.50-60.00.

HEIFERS: Earlier in week part load Choice 2-3 1100 lbs. 67.50 at midweek load Choice, mostly 3 950 lbs 66 50. Choice 2-4 925-1050 lbs. 65.00-66.00. Mixed Good and Choice 2-3 900-1025 lbs 64.00-65.00 Good 61.00-64 00

Average of LS-214 detailed quotations for Choice 900-1100 lbs. sters 67.65, 1200-1300 lbs 68.68. average cost steers this week 67 41, average weight 1129 lbs , as compared 68.47 and 1138 lbs a week ago Average cost heifers this week 65 77, average weight 971 lbs. as compared 65.93 and 974 lbs. a week ago.

COWS· High cutter, Utility and Commercial 1-3 41.50-42.00, few 42.50-43.00 Canner and Cutter 39.00-41.50.

BULLS· 1-2 few 1100-1400 lbs. 50 00-52.00.

St. Louis Cattle

Thursday, July 16
Report supplied by USDA

Receipts this week:	3,600
Week Ago:	4,200
Year Ago:	5,600

As compared to last week's close, slaughter steers 1.00-1.50 lower. Slaughter heifers mostly .50, instances 1.00 lower. Cows 3.00-4.00 lower, few bulls steady. Slaughter supply mainly Choice and Choice and Prime 2-4 1050-1200 lbs. steers with several lots of Choice steers under 1050 lbs. and Choice heifers under 850 lbs.; around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 68.50-69.50 early, limited closing sales 1050-1175 lbs. 67.50. Choice 2-4 1000-1250 lbs. 66.00-68.50, closing 66.00-67.00; 950-1000 lbs. 63.75-65.50; 900-950 lbs. 60.00-62.00. Mixed Good and Choice 2-4 900-1200 lbs. 65.00-67.50, closing 65.00-66.50. Good 2-3 900-1150 lbs. 62.00-66.00. Mostly Good 1-2 1075-1365 lbs. holsteins 54.25-60.00, most closing sales 55.00-59.00. Few Standard 2-3 1100-1510 lbs. 52.00-53.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 64.00-65.00, package early at 65.50, most closing sales 64.00. Choice 2-4 850-1050 lbs. 63.00-65.00, closing 63.00-64.00, 750-850 lbs. 55.00-60.00. Mixed Good and Choice 2-3 700-975 lbs. 61.00-63.50. Good 2-3 700-950 lbs. 57.00-62.00.

COWS: Closing Week Sales Utility and Commercial 2-4 39.00-42.00. Boning Utility 1-2 42.00-43.00. Cutter 1-2 39.00-41.00. Canner and Low Cutter 1-2 35.00-39.00.

BULLS: Yield Grade 1-2 1050-1800 lbs. 50.00-55.00. Individual Yield Grade 1 56.00.

FEEDERS: (Including around 600 at the regular Thursday auction.) Light supply feeder steers weak to 2.00 lower, but not enough of any grade or weight for a full test of prices. Feeder heifers weak to 2.00 lower, except 600-650 lbs. 1.00-2.00 higher.

FEEDER STEERS: Medium Frame 1: Scattered lots 440-500 lbs. 64.00-66.25; few lots 620-650 lbs. 61.50-63.75; lot fleshy 880 lbs. 59.25. Medium Frame 1-2: Scattered lots 400-600 lbs. 58.50-59.25. Large Frame 2 Holsteins: Lot 650 lbs. 52.00.

FEEDER HEIFERS: Medium Frame 1: 425-600 lbs. 55.50-59.00; 600-650 lbs. 60.25-61.50. Medium Frame 1-2: 375-575 lbs. 53.75-56.75.

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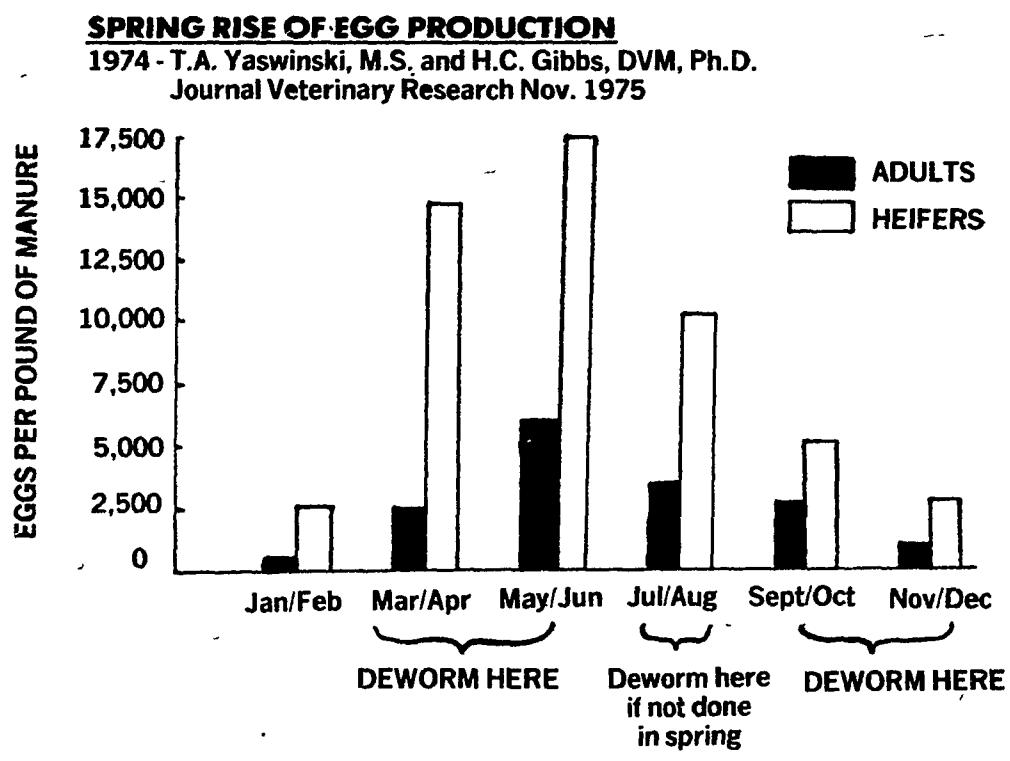

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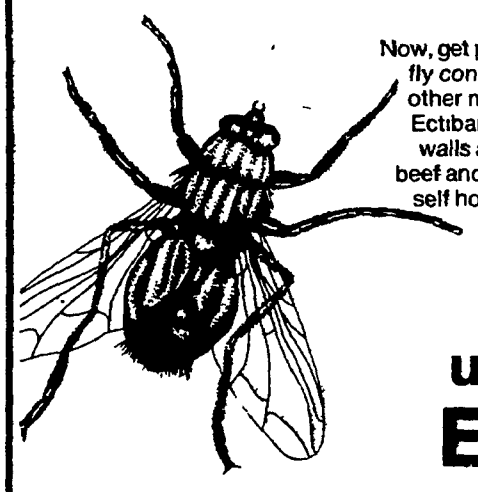

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Livestock market and auction news

Joliet Cattle

Thursday, July 16

CATTLE: Friday through Wednesday's salable receipts 2,900; 5 days last week 2,363; same period a year ago 3,940. Trading slow on Monday; moderate on Wednesday. Slaughter steers ended the week steady to 50 lower compared with Wednesday of last week. Slaughter heifers ended the week mostly 50 lower.

Cows ended the week 2.00-3.00 lower.

SLAUGHTER STEERS: Choice, few Prime, mostly 3 1180-1200# 2 loads 69.00 Monday; 1 load 68.50 Wednesday. Choice 2-4 1050-1225# 67.50-68.00 Monday; 67.00-68.00 Wednesday; 1000-1050# 66.00-67.00 Wednesday. Mixed Good and Choice 2-3 1000-1200# 66.00-67.50 Monday; 65.50-66.50 Wednesday. Good & Choice 2-3 1300-1600# holsteins 60.00-60.75.

SLAUGHTER HEIFERS: Choice and Prime 2-4 925-1000# 67.00-67.25, 2 loads 67.50 Monday; 66.25-66.50; 1 load 1045# 66.75 Wednesday. Choice 2-4 900-1000# 66.00-67.00 Monday; 65.50-66.00 Wednesday; 800-900# 64.50-65.50 Monday; 64.00-65.00 Wednesday. Mixed Good and Choice 2-3 800-1000# 61.00-64.50 Monday; 60.00-64.50 Wednesday. Good 2-3 750-900# 56.00-60.00 Wednesday.

COWS: Cutter and Utility 1-3 42.00-45.00 Monday; 38.00-42.00, few 43.00 Wednesday.

Yearling Ewe & Ram Sale

Tazewell, Va.
Thursday, July 9
Report supplied by VDA

There were 123 head sold. All ewes were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Ewes 109 head. Choice & Fancy 92-180 lbs. 80.00-100.00; Good & Choice 92-140 lbs. 60.00-110.00, mostly 67.50-100.00; Utility & Good 92-104 lbs. 60.00-65.00; Few Spring Ewe Lambs Choice & Fancy 74.00; Rams 14 head 135.00-300.00, mostly 140.00-165.00.

Va. Vegetables

Richmond, Va.
Monday, July 13
Report supplied by VDA

Delaware prices fob shipping point basis. Potatoes: Demand moderate; market slightly lower. Washed and sacked roundwhites US One A 50 lbs. $5.25 some $5.00, 20 lbs. few $2.30-2.40, 10 lbs. $1.30 some $1.25, 10 lbs. baled $1.35 some $1.30, 5 lbs. baled $.77½ some $.75.

Eastern Shore of Virginia prices fob shipping point basis. Potatoes: Demand moderate, market lower on package; about steady on US One bulk washed and sacked roundwhites US One A 50 lbs. $5.00-5.25 mostly $5.00 some lower, 20 lbs. few $2.30 to $2.40, 10 lbs. $1.25-1.30 mostly $1.25, 10 lbs. baled $1.30-1.35 mostly $1.30, 5 lbs. baled $.75. Bulk per cwt US One unwashed $8.50 few higher & lower. Sales to processors bulk cwt unwashed open market roundwhites 85% US One or Better quality open market sales $8.00 few lower; many moving on preseason contract.

Faison Auction Sales, prices paid to growers, sales to 3:15 PM on lots on ten packages or more, 85% US One quality or better unless otherwise stated. Inspection and handling charges extra. Cucumbers: Offerings insufficient to quote. Eggplant: Offerings moderate demand moderate market slightly lower 1 1/9 bushel crates 22-30 count $6.00-7.60 mostly $6.00-6.85. Pepper: Offerings fairly heavy demand moderate market lower 1 1/9 bushel crates unless otherwise stated. California Wonder type green large $6.50-8.00 mostly $7.00-7.80, medium-large $5.40-7.45 mostly $5.50-6.65, medium $5.00-6.10 mostly $5.40-6.00, Cuban type medium-large $7.00-11.80, Hungarian Wax 5/9 bushel crates 70-80 percent few $3.00-5.00 Long Hots $8.50-10 65 mostly $9.65-10.65. Squash: Offerings very light demand light market lower. 1 1/9 crates, Butternut 70-80 percent US One $3.00-4.00.

Western North Carolina fob shipping point basis. Beans: Offerings moderate demand fairly good bushel crates or hampers poles $10.00, poorer quality lower, bushel crates or hampers round green $7.00-8.00. Cabbage: Offerings heavy demand fairly good 1 3/4 bushel crates green $3.00-3.50. Squash: Offerings moderate on yellow crookneck light on zucchini bushel crates yellow crookneck $8.00, few lower ½ or 5/9 bushel crates or cartons zucchini $5.00, few lower. Tomatoes: Offerings very light demand very good 20 lb. cartons pink large-extra large $7.00, 30 lb. cartons pink medium $6.00-7.00.

Indiana Auction

Thursday, July 16
Report supplied by PDA

CATTLE: 127. Compared with last week's market: Sl. cows fully steady; Sl. steers few High Choice & Prime 1330-1580 lbs. 58.00-62.00; few Choice 62.00-62.50; Good 56.50-62.00; Standard 49.50-56.00. Sl. heifers few Standard 47.50-52.00. Sl. cows: Utility & Commercial 46.00-49 75; Cutters 43.00-46.75; Canner & L. Cutter 38.00-43.25. Sl. bulls: few Yield Grade No 1, 930-1940 lbs. 53.75-57.00; few Yield Grade No 2, 860-1260 lbs 45.00-53.25.

CALVES: 146. Vealers Good & Choice steady, Standard mostly 10.00 lower Few Prime 92.00-94 00; Choice 80.00-89 00; Good 69.00-83.00; 90-120 lbs. 49.00-60.00; 65-85 lbs. 40 00-50.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-93.00; Hol. Heifers 70-125 lbs. 71.00-104.00.

HOGS: 118. Barrows and gilts 1.00-1.50 higher. US 1-2 210-245 lbs. 54 00-54.50; No. 1-3 200-250 lbs. 53 00-54.50; No 2-3 210-270 lbs. 52.00-53.00; lot No. 2-3 295 lbs at 48.00. Sows fully steady. US No 1-3 290-575 lbs. 44 50-50.25; No. 2-3 240-625 lbs 41.25-44.00.

FEEDER PIGS 52 US No 1-3 10-25 lbs. 15 00-23.00 per head; No 1-3 60-100 lbs. 31 00-47.00.

SHEEP 34 Choice 75-90 lbs 61.50-70.00; lot Good 57 lbs at 54 50 Sl. ewes 10 00-17 00

Special Graded Slaughter Lamb Sale

Monterey, Va.
July 13
Report Supplied by VDA

There were 142 head sold. All lambs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

Choice & Prime 95-125 lb. $63.50.

Choice & Low Prime 85-125 lb. $58.00.

Choice Feeder Lambs $55.00-65.00

No Ewes

Belleville Auction

Belleville, Pa.
Wednesday, July 15
Report supplied by PDA

CATTLE 65 Compared with last Wednesday's market, slaughter cows $1 lower. Couple Good slaughter steers 57.75-62.85 Utility and Commercial slaughter cows 43.85-46.85, individual 47.35, few Cutters 42.50-43 75, few Canner and Low Cutters 39.35-42.00, Shells down to 37.50. Few Yield Grade No. 1, 1190-1775 lbs slaughter bulls 51 00-54.35.

CALVES 148. Individual Choice vealer at 79.00, Standard and Good 70-95 lbs. 50.00-57, few Utility 50-80 lbs. 40.00-50.00. Farm Calves: Hol Bulls 85-130 lbs. 60.00-123; few Hol Heifers 85-100 lbs. 82.50-127.50

HOGS 177. Barrows and gilts $1-$1 75 higher. Few Lots US No. 1-2 225-230 lbs. barrows and gilts 54.00-54.50, No 1-3 215-255 lbs. 52 85-54.25, couple lots No. 1-3 184 lbs. at 49.00 Few US No. 1-3 325-550 lbs. sows 45 00-48.50. Few Boars 36 00-37.75.

FEEDER PIGS 200. US No 1-3 20-35 lbs. feeder pigs 16.00-26.50 per head, No. 1-3 35-50 lbs. 26.30-38.50, No. 1-3 50-65 lbs 36.50-44 per head.

SHEEP 30. Choice 75-110 lbs. spring slaughter lambs 54.00-66, couple 74.00. Few Slaughter ewes 18.00-20.50 FEW HOLSTEIN DAIRY COWS $680-$1220 PER HEAD

Richmond Fruits and Vegetables

(Prices paid producers for locally grown produce)

APPLES: Lodi green cooking apples 40 lb. $8.00.

BEANS: Butter, 30 lb. bu. $17.00-20.00.

BEANS: Snap, bu. 24 lbs. $6.50-7.00.

CABBAGE: 50 lb. bu. or bag $4.10-5.00.

CORN: White & Yellow 54 ears $6.25-6.75.

CUCUMBERS: Bushel $6.00-7.00.

EGGPLANT: bushel, 24 lb. $6.00-7.00.

GREENS: Smooth kale, bushel $4.00-4.50.

POTATOES: White 50 lb. $5.88-6.00.

TOMATOES: 30 lb. No. 1 Hanovers $7.00-7.50.

TOMATOES: 30 lb. No. 2 $3.50-4.50, Cherry 12 pints $5.25-6.00.

YELLOW SQUASH: bushel 40 lb. $5.00-6.25.

ZUCCHINI: 20 lb. box $3.50-4.00.

Roanoke Fruits and Vegetables

(Prices paid producers for locally grown produce)

APPLES: Lodi ½ bu. boxes $3.50.

PEACHES: Early Red Free Style 30 lb. boxes $3.50-4.50.

BEANS: Half runners $12.00.

BEANS: October $10.00.

BEANS: Pole $13.00.

CUCUMBERS: $8.00-10.00/Bu.

SQUASH: Yellow & Zucchini $8.00-10.00/Bu.

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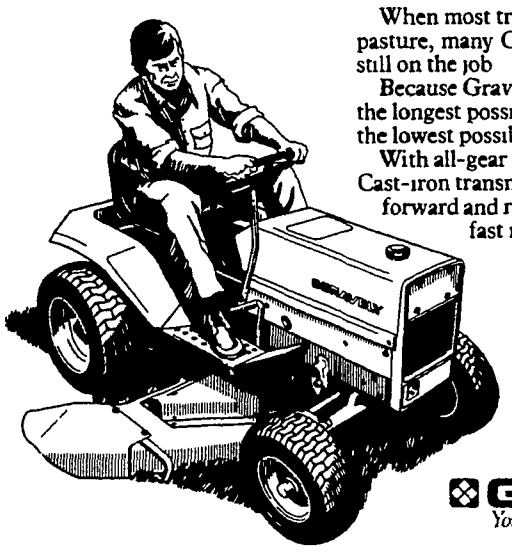

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Livestock market and auction news

Lancaster Weekly

(Continued from Page A2)

42.75-46.75, Cutter 1-2 38.75-44.00.

BULLOCKS: Choice 1-2 955-1470 lbs. 55.00-60.00; Good 1-2 975-1110 lbs. 52.75-56.75.

BULLS: Yield Grade 1 935-1935 lbs. 55.00-60.25, mostly 57.50-60 25, high Yielding individuals 58 85-63.75; Yield Grade 2 1075-1645 lbs 49 50-54.25.

VEAL CALVES: Vealers under 120 lbs. mostly steady, over 120 lbs 7.00-10.00 lower. Demand good for holstein heifers returned to farm, demand fair for bulls returned to farm.

VEALERS: Choice and Prime 220-300 lbs. 103.00-116.00, 200-220 lbs. 95.00-98.00; Choice 140-170 lbs. 80.00-92.00; Good and low Choice 80-120 lbs. 45.00-65 00, 50-75 lbs 40.00-43.00; Good 60-100 lbs 27.00-45.00.

RETURNED TO FARM: Holstein heifers 100-120 lbs. 120.00-148.00, 80-95 lbs. 80 00-110.00; 95-120 lbs. holstein bulls 65.00-96.00

Pa. Auction Summary

Friday, July 17

Report supplied by PDA

CATTLE: 7081. Compared with 7016 head last week, and 6244 head a year ago. Compared with last week's market: Slaughter steers & heifers steady to 2.00 lower; Sl. cows steady to 1.00 higher; Sl. bullocks & bulls 1.00-2.00 lower. Sl. steers: High Choice & Prime No. 3-4, 67.85-72.60; Choice No. 2-4, 63.00-69.00; Good 57.00-63.50; Standard 49.50-57.50. Sl. heifers: Choice 58.00-65.00; Good 55.00-59.00; Standard 47.00-54.50. Sl. cows: Utility & Commercial 45.00-48.50, few 50.50; Cutters 43.00-46.75; Canner & L. Cutter 38.00-43.75; Shells down to 30.00. Sl. bullocks: Choice 57.00-63.00; Good 52.00-58.85; (few) Standard 50.00-56.50. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 55.00-60.25, few 64.25; Grade No. 2, 900-1450 lbs. 49.00-54.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-650 lbs. 53.00-69.00. Heifers, Medium Frame No. 1, 300-525 lbs. 42.00-52.00.

CALVES: 4212. Compared with 4473 head last week and 3774 head a year ago. Vealers mostly steady to 5.00-10.00 lower. Prime 92.00-116.00; Choice 80.00-98.00; Good 65.00-84.00; Standard & Good 90-110 lbs. 50.00-65.00; 65-90 lbs. 40.00-50.00; Utility 50-100 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 60.00-127.50 mostly 75.00-95.00; Hol. Heifers 80-150 lbs. 70.00-160.00, mostly 85.00-125.00.

HOGS: 6694. Compared with 7708 head last week and 6978 head a year ago. Barrows and gilts steady to .50 lower, spots 2.00 lower. US No. 1-2 200-245 lbs. 53.00-54.50, few to 54.85; No. 1-3 200-255 lbs. 52.00-53.50; No. 2-3 200-275 lbs. 48.00-52.00; No. 1-3 140-190 lbs. 45.00-48.00; Sows uneven. US No. 1-3 300-570 lbs. 46.00-50.50; No. 2-3 300-650 lbs. 43.00-46.00. Boars 34.00-40.50.

FEEDER PIGS 1002. Compared with 1190 head last week and 2142 a year ago. 2.00-3.00 lower. US No. 1-3 20-35 lbs. 15.00-25.00 per head with few down to 11.00. No. 1-3 35-50 lbs. 22.00-38.50; No. 1-3 50-75 lbs. 36.50-44.50 per head.

GRADED FEEDER PIGS: 1823. Compared with 2942 head last week, and 2419 head a year ago. All sales by CWT. Feeder Pigs steady to 9.00 higher. US No. 1-2 20-40 lbs. 84.00-102.00, 40-50 lbs. 79.50-99.00, 50-60 lbs. 69.00-89.00, 60-70 lbs. 67.00-74.50, US No. 2-3 20-40 lbs. 41.00-75.00 with few to 92.00, 40-50 lbs. 50.00-85.00.

SHEEP: 781. Compared with 750 head last week and 858 head a year ago. Spring/sl. lambs 2.00-5.00 lower. Choice 70-115 lbs. 55.00-68.00 with few to 77.00; Good 50-90 lbs. 50.00-60.00. Sl. ewes: 15.00-28.00 with few down to 10.00.

Leesport Auction

Wednesday, July 15

Report supplied by PDA

CATTLE 381. Compared with last Wednesday's market, slaughter steers about steady. Slaughter cows steady to $1 lower. Choice 1000-1300 lbs. slaughter steers No. 2-4 65.00-67.35, Good & Choice holsteins 1200-1500 lbs. 57.00-62.00, Good 59.50-66.00, Standard 53.00-57.50, Utility & Low Standard 50.75-53.25. Few Choice slaughter heifers 58.50-66.50, few Good 55.00-57.00, few Standard 47.00-53.50. Utility & Commercial slaughter cows 43.85-47.00, few to 48.60, Cutters 40.75-45.50, Canner & Low Cutter 38.60-41.00, Shells down to 30.00. Good & Choice slaughter bullocks 58.50-62.50, one at 64.00, few Standard 53.00-57.50. Yield Grade #1 1200-1765 lbs. slaughter bulls 57.00-62.00, one at 63.10; yield grade #2 800-1200 lbs. 48.25-51.50. Large Frame #1 800-1000 lbs. feeder steers 62.25-63.00, Large Frame #2 500-1050 lbs. 47.75-50.25, few Medium Frame #1 350-600 lbs. 60.00-69.00; few Large Frame #1 550-700 lbs. feeder heifers 49.00-54.00; few Large & Medium Frame #1 400-470 lbs. feeder bulls 50.25-55.50.

CALVES 140. Choice vealers 90.00-97.00, few Good 82.00-84.00, Standard & Good 90-110 lbs. 55.00-60.00, 75-85 lbs. 50.00-56.00. Farm calves, holstein bulls 90-125 lbs. 60.00-103.00, mostly 80.00-92.00; holstein heifers 90-135 lbs. 90.00-105.00.

HOGS 310. Barrows & gilts 50 cents to $1 higher. US No. 1-2 200-230 lbs. barrows & gilts 54.00-54.60, No. 1-3 200-250 lbs. 53.10-54.10, few No. 2-3 265-285 lbs. 48.00-52.60, Lot No. 1-3 185 lbs. at 47.00. US No. 1-3 300-575 lbs. sows 46.25-50.50, one at 52.50, few No. 2-3 400-700 lbs. 43.50-45.00. Few Boars 34.0-37.50.

FEEDER PIGS 274. US No. 1-3 25-64 lbs. feeder pigs 71.00-84.00 cwt., lot No. 1-3 100 lbs. 55.00, few Utility 20-25 lbs. 55.00-57.00 cwt.

SHEEP 51. Choice 70-115 lbs. spring slaughter lambs 56.00-63.00, few to 69.00, Good & Choice 55-75 lbs. 48.00-60.00. Slaughter ewes 22.00-25.00.

GOATS 18. Few Adult goats 39.00-57.50 per head, few large kids 18.00-33.00, small kids 10.00-16.00 per head.

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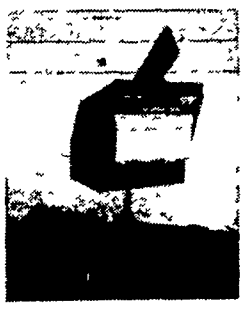

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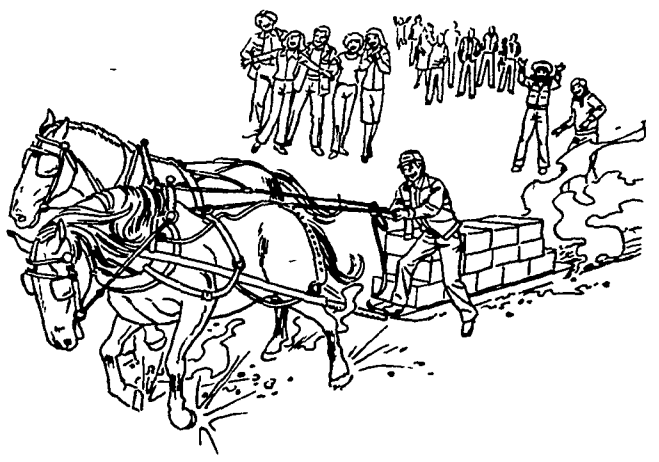

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Livestock market and auction news

Western Maryland Livestock

Tuesday, July 14
Report supplied by auction

BUTCHER COWS: Good run, active bidding. High Yield 46.00-48.50; Standard & Utility 44.00-46.00; Canners 41.00-44.00; Shelly 43.00 down. Bulls Good demand, top 57.75. Steers Good demand, top 61.75. Heifers top 57.50.

BUTCHER HOGS: Active & steady. US #1&3 215-240 lbs. 51.00-51.85; 240-260 lbs. 50.50-51.25; 195-210 lbs. 49.50-50.50. SOWS: To 47.50. BOARS to 38.50.

VEAL CALVES: Large run, slightly lower. Good & Choice 85.00-90.00; Standard 80.00-85.00; Stocky & Thin 45.00-60.00; Killers 80-100 lbs. 57.00-62.00; Weak & Rough 50.00 to Down.

CALVES RETURNED TO FARM: Active bidding. Holstein Heifers to 110.00; Holstein Bulls to 110.00; Beef Type to 75.00.

LAMBS: Few offered. Stock Cattle Medium run, mostly steady. Steers 50.00-67.50. Heifers 42.00-66.00. Bulls 42.00-70.50.

PIGS AND SHOATS: Medium run, active bidding. By the Head 18.00-35.00, Shoats to 40.00; By the Lb. to 50.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, July 14
Report supplied by auction

CATTLE: STEERS: Choice 68.75-69.25; Good 54.00-57.75; Standard 50.00-53.75. HEIFERS: Good 56.25; Standard 48.75-53.00. COWS: Utility & Commercial 44.00-47.10; Individual 49.50; Cutter 41.75-43.75; Canner & Low Cutter 40.25-42.00.

BULLOCKS. Good 57.50-58.35; Utility 52.50.

FEEDER STEERS: 56.00-84.00.

CATTLE HEIFERS: 60.00-65.00.

BULLS: 57.00-77.00.

CALVES: VEALERS: Choice 90.00-101.00; Good 75.00-95.00; Standard & Good 60.00-80.00; Standard & Good 50.00-65.00.

FARM CALVES: Hol. Bulls 80.00-104.00; Hol. Heifers 140.00-167.50.

HOGS. Barrows & Gilts US No. 1-2 51.50-53.00; US No. 1-3 48.00-51.00; US No. 2-3 42.50-48.00.

SOWS: US No. 1-3 46 50-48.50; No. 2-3 45.00-46.50.

FEEDER PIGS: US No. 1-3 15.00-23.00; No. 1-3 26.00-31.00.

Good weather boosts crops

HARRISBURG — An abundance of hot, sunny weather gave the state's farmers five days suitable for field activities during the week ending July 13, according to the Pennsylvania Crop Reporting Service.

Sweet corn is tasseling in the northern and central areas of the state and early harvest has begun in some southern counties. The snapbean harvest is reported to be in full swing across the state and the cabbage harvest is underway in many areas. There were again scattered reports of apple scab damage.

Statewide, topsoil moisture was rated mostly adequate to short as most areas reported topsoil much drier than last week. Regionally, topsoil moisture was rated 83 percent and 17 percent short in the north; 73 percent adequate, 20 percent short and seven percent surplus in the central area; and 75 percent adequate, 17 percent short and eight percent surplus in the south.

Hot, humid weather along with adequate moisture spurred corn growth to a height of 41 inches statewide, compared to 31 inches last year at this time. Average corn heights in the northern, central and southern regions were 33, 41, and 53 inches, respectively. Southern growers reported tasseling of early corn while some corn borer damage was reported in the central and southern regions.

Barley in the Commonwealth is 13 percent turning yellow, 38 percent ripe and 45 percent harvested. The south reported 16 percent ripe and 84 percent harvested; the central region reported 14 percent turning, 45 percent ripe and 41 percent harvested; while the north reported 24 percent turning, 49 percent ripe and 16 percent harvested.

Wheat in the state is 37 percent turning yellow, 41 percent ripe and 14 percent harvested, slightly ahead of last year. The south reported less than five percent turning, 59 percent ripe and 38 percent harvested; the central region reported 22 percent turning, 67 percent ripe and seven percent harvested; while the north reported 74 percent turning, ten percent ripe and less than five percent harvested.

Pennsylvania oats are 57 percent headed, 33 percent turning and five percent ripe, about the same as last year. Southern growers reported 23 percent headed, 58 percent turning, and 19 percent ripe, while central growers reported 68 percent headed, 30 percent turning and less than five percent ripe. In the north barley is 72 percent headed and 20 percent turning yellow. Some lodging was reported in all three regions.

The first cutting of alfalfa is virtually complete across the state. Second cutting is 42 percent harvested, compared to 30 percent last year at this time. The southern, central and northern regions reported the second cutting harvest at 58, 34 and 27 percent complete, respectively. All three regions reported leaf hopper activity, but the most severe infestation was reported in the south.

Clover-timothy stands are 89 percent harvested, compared to 94 percent at this time last year. The south reported 93 percent harvested, while the central and northern regions reported 92 and 81 percent harvested, respectively.

Hay quality for the week was rated good to fair across the state.

Fish pond care to highlight meeting

WEST CHESTER — Do you have a fish pond or are you thinking of building one? Should you stock your pond? How can you safely and effectively control algae and problem weeds in your pond?

These are some of the questions which will be addressed at an on site educational meeting on the evening of July 21. The fish pond management meeting is sponsored by the Chester County Cooperative Extension Service in cooperation with the Soil Conservation Service and the Pennsylvania Fish Commission.

The important first step towards a successful fish pond is proper site selection and construction. The representative from the local Soil Conservation Service Office will discuss these topics on site where there are two ponds to see. He will discuss such topics as: topography soil type and water supply, as they relate to site selection; and drainage area, pond size, width and slope of the dam and types of spillways as elements of design and construction.

A waterways patrolman from the Pennsylvania Fish Commission will then discuss the regulations and laws affecting farm fish ponds.

Next, a Penn State University wildlife specialist will discuss the biology of the pond and how it relates to the fish present in the pond. This will include topics such as stocking, the different species of fish and their environmental requirements, and regulating fish populations. One of the ponds at the meeting was stocked several years ago, and the pond will be seined to take a look at the condition of the species which were stocked.

Finally, another P.S.U. Wildlife specialist will discuss aquatic week identification and control. The emphasis here will be safe use of chemicals for specific problem situations.

The meeting will be held at 6:30 p.m., at the farm of Samuel Milliner, 75 Wawaset Road, in Pocopson Township (off of Route 842 between West Chester and Unionville).

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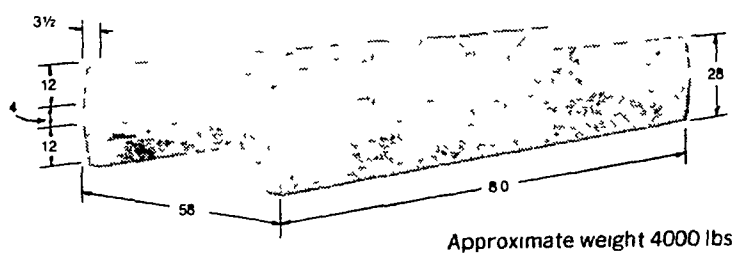

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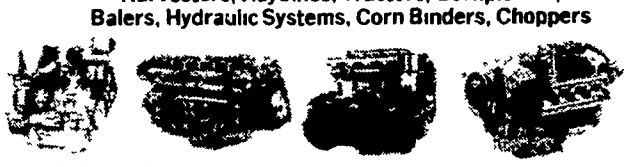

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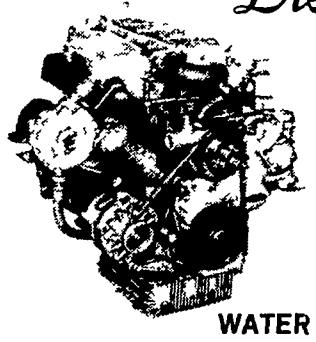

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Lou Moore forecasts rapid changes in a troubled livestock industry

UNIVERSITY PARK — The red-meat industry is in turmoil.

Most producers of fed cattle and hogs have operated without profit for 2 years.

Packers are closing, or merging in order to stay in business. Pennsylvania has lost 3 major plants in recent weeks—a beef slaughterer, a hog slaughterer, and a leading ham producer.

Many consumers, caught in an economic squeeze, have less income and spend less of it for red meat.

The stage is set for major adjustments in the red-meat industry.

Iowa Beef Merger

Iowa Beef Processors, the nations' leading beef packer and trend setter in boxed beef, has agreed in principal to merge with Occidental Petroleum. Acquisition of IBP will cost Occidental about $808 million—not a bad price for a meat company that has been in business for only about 20 years.

Both firms claim the merger will be good for them. Iowa Beef says that the tremendous financial backing available through Occidental Petroleum will enable it to move into the pork business and expand export markets quicker than originally planned. Occidental says they want to be firmly entrenched in the food business by 1990, because it thinks food in the 1990s will be as critical as energy has become in the 1980s.

This is just another step which increases concentration in meat packing and processing. By the late 1960s a total of only four packers were buying about half the fed cattle in the leading feeding states. Today, the four leading buyers account for more than 65 percent of fed cattle purchases.

Except for these four leading firms, beef packers have been on the defensive. In fact, an estimated 40 percent have closed their doors since 1969.

Is it true that the future belongs only to the Occidentals, Cargills, General Foods, and Continental Grains?

Fed cattle hit $70 - again

During the second week of June, a few fed cattle at local markets sold for more than $70 per hundredweight—the first the $70 level had been exceeded since last November.

Prices have advanced more than $10 per hundredweight since early April. Beef production increased 6 percent in the first quarter of this year, but has declined about 2 percent during the current quarter. Most of the increase was attributed to heavier weight animals.

Further price increases for fed cattle are expected this summer, despite the reluctance of consumers to become eager buyers of beef. The late-spring retail price of beef of about $2.36 averaged about a dollar a pound above pork. Such a difference in price drives consumers to pork and poultry.

Mid-summer cattle prices should reach at least the mid-$70 range. While this is welcome news to producers, it's not much to cheer about. Today a cattle feeder needs a price of about $75 per hundredweight just to cover his costs. But after 2 years of losses (in some months almost $13 per hundredweight), many feeders will smile as the break-even price approaches.

Will the current recovery be sufficient to encourage an expansion in cattle feeding?

Pressure off feed prices

A slowdown in grain exports and less corn used by domestic livestock producers should insure comfortable carryovers rather than critical supply binds, as earlier feared. A record winter wheat crop is near harvest. Corn planting has slowed in some leading states because of rainfall, but the rains should help bring a big crop.

We have, in desperation, offered the Russians up to six million tons of grain before September 30th. They are, at least to date, ignoring our offer while signing long-term agreements with Argentina and Canada. We may have become a supplier of "last resort" to the Soviet Union.

Our livestock industry should welcome larger grain supplies and somewhat lower prices; lower grain prices would decrease the breakeven price for beef and hog producers.

Hog prices improve

Slaughter supplies of hogs have been dropping in recent weeks, causing prices to move consistently higher. Prices are expected to exceed $50 during the second half of 1981.

Even though the price is up sharply in recent weeks, there is no profit in the business. The break-even price for efficient producers is about $53 per hundred.

But the June pig crop report indicates production cuts will continue. The December-May pig crop was down 9 percent and producers have 12 percent fewer breeding animals on farms.

Sire ID checked with blood test

BRATTLEBORO, Vt. — Since January, 13 A.I. studs have volunteered 75 of their young holstein bulls for a random bloodtyping program still in the research stages.

The National Association of Animal Breeders (NAAB) and the Holstein Association have established the project in order to improve identification in cattle in DHI tests.

"We have a program designed to evaluate the accuracy of identification of bulls entering active A.I. service," explained Richard Nelson, spokesman for the Holstein Association.

The Holstein Association will select four daughters at random per sire to be bloodtyped with their respective dams, if available.

The daughters are a proportionate share of grade and registered animals from the USDA report with records that contributed to the bull's proof.

"The proof of most bulls," said Nelson, "is based on more grades than registered."

William Durfey, Executive Vice President of the NAAB explained that bloodtyping can and has been applied in practical breeding situations.

Because cattle have a great number of blood types, the complexity of their blood groups maximize the chance the right sire will be identified.

"But, there is always the possibility that more than one bull would qualify as a sire," said Durfey.

The blood typing project will help identify how much misidentification may be occurring and what can be done to improve any problem areas.

As a result of the project, the researchers may find out just how accurately dairy farmers keep records, explained Nelson.

Meanwhile, encouraging dairy farmers to keep accurate records and calving dates is an on-going process, Nelson concluded.

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State deploys staff to guard against Medfly infiltration

HARRISBURG — Representatives from all phases of the Pennsylvania fruit and produce industry met here Tuesday to discuss ways to assure the Mediterranean fruit fly does not enter the Commonwealth from California.

Meeting with State Agriculture Secretary Penrose Hallowell were State Representative John Hope Anderson of York County, representatives of the Pennsylvania Horticultural Association, area fruit growers, fruit and produce distributors nd officials from the State Agriculture Department's Bureaus of Plant Industry and Markets.

Hallowell said, "As a first step to keep the medfly out of Pennsylvania, inspectors have been sent to major food distribution centers in Philadelphia, Pittsburgh and other areas in the state

"By increasing inspections of rail and truck shipments of California fruit and produce at those terminals, we will be able to detect any presence of the pest when the shipments first arrive in the state," he added

The secretary indicated state inspectors will be checking other shipments of fruit and produce received directly at large supermarket warehouses throughout the state to assure the pest is not present.

He added the department will be in constant touch with USDA and surrounding state officials to coordinate efforts in controlling the fruit fly.

"Most produce received in Pennsylvania from California does not normally come from the infested area," Hallowell said. "The increased inspections are precautionary and part of the department's continuing effort to provide consumers in the state with only the finest quality agricultural products."

Should California be completely quarantined, he added, the immediate impact on Pennsylvania consumes would be minimal, due to the enormous quantity of produce already in the distribution system.

Hallowell said, "If a prolonged quarantine takes place, we would find shortages of some California specialty crops, but out own Pennsylvania produce, which is coming into season, and produce from other states should fill the market needs."

Pennsylvania grown fruit and produce coming into season within the next few weeks include apples, peaches, nectarines and early tomatoes.

"I don't foresee empty shelves at the supermarket, but prices could be expected to rise," he said.

SCS provides emergency stream repair

HARRISBURG — Flood damage streams in two areas of Pennsylvania are being restored by a federal conservation agency following early summer storms.

Graham T. Munkittrick, state conservationist, reported that the USDA, Soil Conservation Service, in cooperation with county conservation districts, will spend over $2 million under Section 216 of the 1950 Federal Flood Control Act to restore ravaged streams that posed an immediate threat to life and property.

According to Munkittrick, over $1.5 million will be used in the six-county area of Venango, Crawford, Mercer, Jefferson, Forest, and Clarion. Federal funds are permitting the removal of 44,000 tons of debris in streams and floodplains. About 21,000 tons of rock riprap and 30 acres of seeding will stabilize eroding streambanks damaged in a June storm.

Two weeks later, a sudden storm hit Clinton County. As a result, about $0.5 million will be spent by SCS to remove 7,600 tons of debris, place 8,600 tons of rock riprap, and seed 20 acres to stabilize streambanks.

"Work on the streams in northwest Pennsylvania will be completed by next week July 15, and the Clinton County jobs will be finished by August 1," added Munkittrick.

Using emergency procedures, SCS funds hire private contractors to do the repair work under SCS technical supervision. Work is planned by SCS engineering teams who also evaluate the need for restoration.

Munkittrick added all possible environmental precautions are taken. The goal is to restore the stream to pre-flood conditions only. Size and capacity of the stream may not be changed under present regulations.

The program is designed to help the local residents return to normal pre-flood conditions as quickly as possible, concluded Munkittrick.

Farm Bureau says 'scrap' farm bill proposals

WASHINGTON, D.C. — American Farm Bureau President Robert Delano says Congress should scrap both pending versions of a farm bill and extend current legislation unless it can come up with an improved market oriented farm program.

Delano claims both Senate and House farm bills in their present form "are the worst since the introduction of the Brannan Plan in 1949." (Critics of the "Brannan Plan" said it involved massive government control and strict regimentation of agriculture.)

In an editorial published today in Farm Bureau News, official AFBF publication, Delano says the 1981 farm bills are ill-constructed, poorly balanced and, if passed in present form, will do serious damage to the concept of a market oriented farm policy.

"It is an incongruous set of circumstances that finds a Washington establishment obsessed with economic recovery and deregulation yet willing to wreak havoc on the farm economy by putting the government back into the farming business in the biggest way since the 1950s," Delano says.

He warns that target price and loan rate provisions currently under consideration by the lawmakers must be changed to avoid leading major commodities into an excessive surplus situation complete with government supply management, takeover of commodity marketing and all that goes with it.

"If Congress cannot come to its senses and produce farm program legislation that is an improvement over the current law, the Food and Drug Agriculture Act of 1977—with some minor modifications—should be extended until a better proposal can be developed," Delano concludes.

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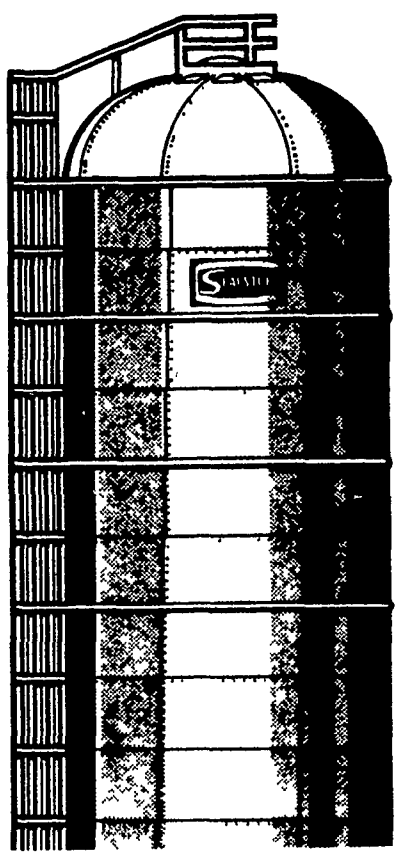

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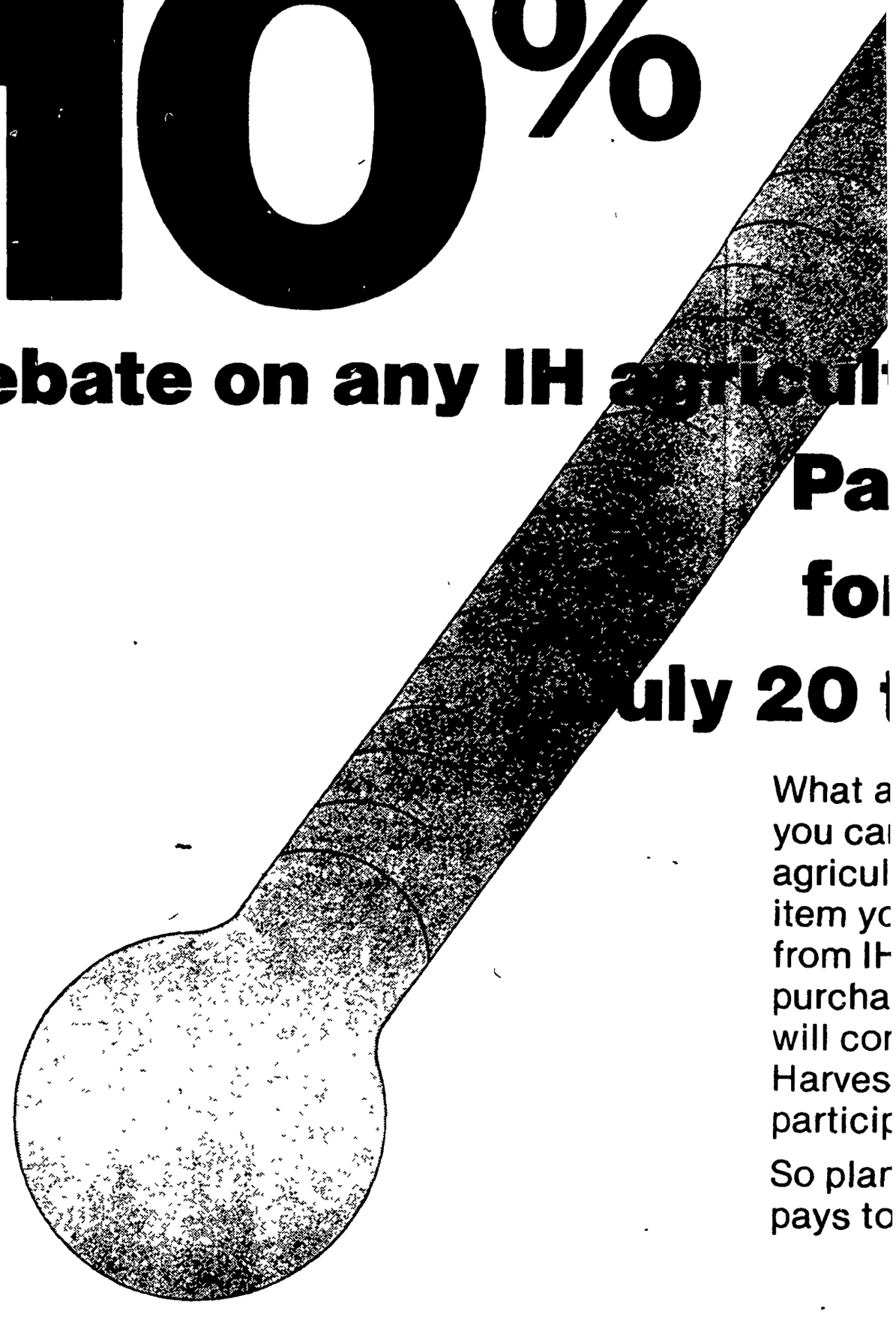

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Beekeeper's meeting buzzes about queen bees, bee stings

BY SHEILA MILLER

BETHEL — More than 170 apiarists from southeastern Pennsylvania recently were busy buzzing around the grounds of the Paul Zeigler farm, located east of here, during the evening meeting of the Tri-County Beekeepers.

Zeigler, who is a retired state bee inspector and an apiarist for many, many years, hosted the group at his Berks County home.

It was a 'honey' of an evening for the beekeepers as they hovered around Zeigler's nephew, Dennis Keeney, who provided a demonstration in the bee yard that was a royal treat for the onlookers. Keeney skillfully executed the "making" of queen bees.

As the beekeepers circled around Keeney, the young apiarist described how he "draws" the queen cell. Taking a wooden block support and jelly spoon in hand, Keeney began to "graft" the cells with royal jelly gathered from the hives. This, he explained, was the preliminary stage — the larvae would be transferred later.

While deftly manipulating the tiny spoon to drop the royal jelly precisely in the center of the cell, with none spilling down the sides, Keeney told how the royal jelly serves two functions — it keeps the bee larvae moist and it provides the nutrition they need to survive.

After preparing the cells, Keeney covered them with a moist towel to keep the royal jelly from drying out. He then led the group up into the middle of the honey bee hives and selected a frame from which to transfer the bee larvae.

The larvae selected to be grown into queen bees, however, are not just any larvae. They come from a hive where the queen has been studied and tested. Her performance is what determines whether her eggs will be chosen for future queens.

"We test a queen for three years before she becomes a breeder," explains Keeney. "That leaves us with about a year's worth of eggs from each breeder.

"What we look for is the queen bee's record for honey production, wintering-over, temperament, and disease resistance. Temperament is important since we sell a lot of queens to hobbyists who don't want nasty bees."

Keeney showed the beekeepers how he scoops the bee larvae from the honeycomb cell built by the bees on the frame and transfers it to the cell located on the wooden block support. These larvae are no older than 36 hours when they are dropped on top of the royal jelly, a milky substance produced by the bees as food for only queens.

Once the cells are filled, Keeney explained, they are placed inside a 'brood nest', or bee incubator, where they are kept at 92 degrees Farenheit until they are 'ripened' and ready to be placed into a hive.

In nature, Keeney observed, there may be times when a new queen is raised by the workers to supercede the breeder in the hive. When this happens, he said he removes the queen cells and the worker bees continue to produce royal jelly.

But, if the mature queen bee is located and removed from the hive, a ripened queen cell can be introduced from the incubator into the hive, or mix as apiarists term it. "This queenless colony will more readily raise the cells," Keeney noted.

The total procedure was accomplished in slightly over an hour with few stings being inflicted on the enthusiastic crowd of beekeepers. But, as they heard later from Dr. Robert Brooks of Walter Reed Hospital, bee stings may have some beneficial effects on ailments such as arthritis.

"All beekeepers and their families are intimately in contact with bee venom at some time," Brooks stated, warning the apiarists to be prepared for

(Turn to Page A23)

Dennis Keeney, R1 Bethel, demonstrates the art of raising queen honey bees to a crowd of more than 170 beekeepers from seven southeastern Pennsylvania counties. Here he lifts a bee larvae gently from its 'honeycomb bed' and transfers it to the wooden support cells, background, containing a jelly-spoon full of royal jelly.

Spooning the milky-white royal jelly from the small jar in his let hand, Keeney carefully places it directly in the bottom of the support cell without touching the sides. The larvae floats on top of the jelly which keeps it moist and supplies it with the necessary nutrients to develop into a queen.

A wooden box, equipped with heat lamp and water pan, serves as the bee incubator. The bees ripen in an environment similar to the hive — 92 degrees Fahrenheit with high humidity.

With nurse bees scurrying across the frame, Keeney holds up the immature queen bee cells for the crowd of young and old apiarists to study.

On hand for the Tri-County Beekeepers meeting were Robert E. Shaffer, president of the Pennsylvania Beekeepers Assoc., and Rebecca Fisher, the 1981 Pa. Honey Queen.

Beekeeper's meeting

(Continued from Page A22)

allergic reactions in themselves and others. He suggested they all have readily available a prescription kit containing injectable epinephrine to counteract the sting's effects.

"The number of stings makes no difference in whether or not a person gets a reaction," he stated. "What matters is if the person is sensitive to the bee venom which consists, in smaller quantities, of the same poison found in rattlesnake and cobra venom."

Brooks explained that a bee sting has 1/10 milligram of the venom. This venom, he said, works on the pituitary gland of the animal or person stung.

Although he didn't have all the reasons why, Brooks explained bee venom contains something that affects rheumatic conditions.

In tests he and associates conducted, dogs with a bone deterioration condition known as hip dysplasia were treated with bee venom and the hormone testosterone. The results of the treatment were incredible, he recounted, with some individuals, who could scarcely walk before, recovering and actually having regeneration of bone tissue.

Brooks cautioned the group that people receiving injections of bee venom, in order to develop a tolerance to stings or for other reasons, require high levels of Vitamin C.

He closed by suggesting apiarists should get stung 5 days after a previous sting or 25 days later, otherwise they may suffer a reaction. Brook's final words left the group to ponder whether they are beekeepers or trainers.

Shippensburg Fair opens today

SHIPPENSBURG — The Shippensburg Fair will kick off another fair season in Cumberland County, opening Saturday, July 18, and running through Saturday, July 25.

Other upcoming fairs in the region include: Carlisle Fair, Cumberland County, Carlisle, August 10-15; Lebanon Area Fair, Lebanon County, Lebanon, August 10-15; Franklin County Fair, Chambersburg, August 16-22; Middletown Comm. Fair, Dauphin Co., Royalton, August 16-22; Perry County Fair, Newport, August 18-22; South Mountain Fair, Adams County, Arendtsville, September 7-12; York Inter-State Fair, York County, York, September 11-19; Southern Lancaster County Fair, Quarryville, September 16-18; Gratz Fair, Dauphin County, Gratz, September 20-26; Ephrata Fair, Lancaster County, Ephrata, September 22-26; West Lampeter Fair, Lancaster Co., Lampeter, September 23-25; Elizabethtown Fair, Lancaster Co., Elizabethtown, September 29-October 3; New Holland Farmers Fair, Lancaster Co., New Holland, September 30-October 3; Manheim Comm. Fair, Lancaster Co., Manheim, October 5-9; Dillsburg Community Fair, York Co., Dillsburg, October 15-17.

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Livestock survey shows Canadian transactions up 11 percent

KANSAS CITY, Mo. — Although the volume of Canadian livestock transactions last year rose 11 percent over 1979, the value of the 1980 marketings was virtually unchanged from 1979, according to an annual study done for Livestock Marketing Association

The volume of Canadian marketing transactions last year—including cattle, calves, sheep, lambs, hogs and pigs—was 22.4 million head compared with 20.2 million head in 1979.

The value of those transactions, however, was $5.65 billion, down slightly from 1979's $5.74 billion. The figures are in Canadian dollars.

Coupled with previously announced U.S. figures, the volume total for both countries last year was 260.9 million head, up sharply from the 1979 figure of 249.6 million head.

After adjusting for the Canadian currency difference, the 1980 transaction value for the two countries was $58.7 billion, down from the 1979 total of $61.1 billion. These are totals in U.S. dollars.

LMA officials said the survey is unique in that it measures the livestock merchandising transaction, defined as each time there is a transfer of title on one head of livestock. By surveying marketing transactions, the volume and value survey provides a more realistic picture of commerce in an industry where livestock change ownership frequently, than by using traditional slaughter or inventory figures.

Animals sold more than once during the year are included as more than one transaction, and the value is the dollar total of all transactions.

Other highlights from the Canadian survey (value amounts are in Canadian dollars):

—Although the volume of cattle and calves stayed the same in 1979 and 1980, 7.4 million head, their value in 1980 dropped to $4.34 billion, down from the 1979 figure of $4.47 billion.

—Hog and pig volume jumped 17 percent in 1980, to 14.8 million head, from 12.6 million head in 1979. The value of those transactions, however, rose only slightly to $1.28 billion from 1979's $1.25 billion.

—The unchanged volume of sheep and lamb transactions, 200,000 head in both 1979 and 1980, was coupled with an increase in their 1980 value to $17 million, from $15 million in 1979.

The study is done for LMA by Allen Enterprises, Topeka, Kan.

LMA provides industry representation and commercial services to 1,700 subscriber businesses in the U.S., Canada, and Mexico.

Profits increase with insecticides

UNIVERSITY PARK — Practically all of some 3,000 Pennsylvania dairy and beef cattle producers in a recent survey indicated that insecticides increased their profits when used to control animal pests.

The farmers responded through a mail survey distributed by the Agricultural Experiment Station at The Pennsylvania State University. The study was carried out to aid U. S. Department of Agriculture personnel evaluate the benefits and safety factors of insecticides used on livestock.

Both dairy and livestock farmers considered horn and face flies as the most difficult to control in pastures and the ones causing the most losses in weight gain and carcass quality as well as milk production. Thus, horn and face fly treatments were used most frequently, followed by insecticides for stable and house flies. However, where dairy cattle were confined in barns or sheds, stable and house flies were a serious problem.

In general, sprays were the most popular form of treatment. For horn and face flies, the primary insecticides were pyrethrins and dichlorvos (Vapona an example). These insecticides were also used widely as mist sprays on dairy farms. Beef producers used methoxychlor and malathion most often as sprays.

Most farmers felt that using a few different insecticides, applied by various methods, gave the best results—compared to one insecticide applied by a single method.

Backrubbers were used as well as sprays in treating horn flies. On dairy farms, backrubbers most often contained malathion, dichlorvos (Vapona an example), Ciovap, or ronnel (Korlan). Beef producers used backrubbers treated with ronnel, toxaphone, methoxychlor, or crotoxyphos (Ciodrin an example).

Holly W. Barr of Washington, Pa., graduate assistant in animal industry developed the survey. Faculty members involved were Drs. Harold W. Harpster and Lowell L. Wilson in animal science and Drs. Charles W. Pitts and Clarence H. Collison in entomology.

Most dairy and beef cattle producers in the study applied insecticides to animals or housing when insect pests were numerous or when animal discomfort was noticed. Very few of the farmers found any harmful effects from insecticides on animals being treated or on workers applying the insecticides.

"Costs of all insecticides were quite minor for both beef and dairy herds in comparison to other production costs," declared Dr. Lowell Wilson, professor of animal science.

Although the farmers indicated that insecticides were a necessary part of their management programs, manure removal and cleanliness were also cited as essential for adequate pest control. Clipping of grass and weeds around animal housing facilities and in pastures also helped reduce pest problems.

Dairymen used dichlorvos and phrethrins most often to control house, stable and horse flies. Beef producers, however, preferred malathion, Ciovap and pyrethrins. The residual spray used most frequently on housing was dimethoate (Cygon an example).

Cattle grubs, a frequent problem with beef cattle, were treated most often with famphur (Warbex an example), or with coumaphos (Co-Ral). Cattlemen were finding that grub treatment should be done in late summer or early fall.

For additional information on the study, or other aspects of controlling pests on livestock, get in touch with Clarence H. Collison, 106 Patterson Building, University Park, Pa. 16802.

Cheese prices affect all dairy

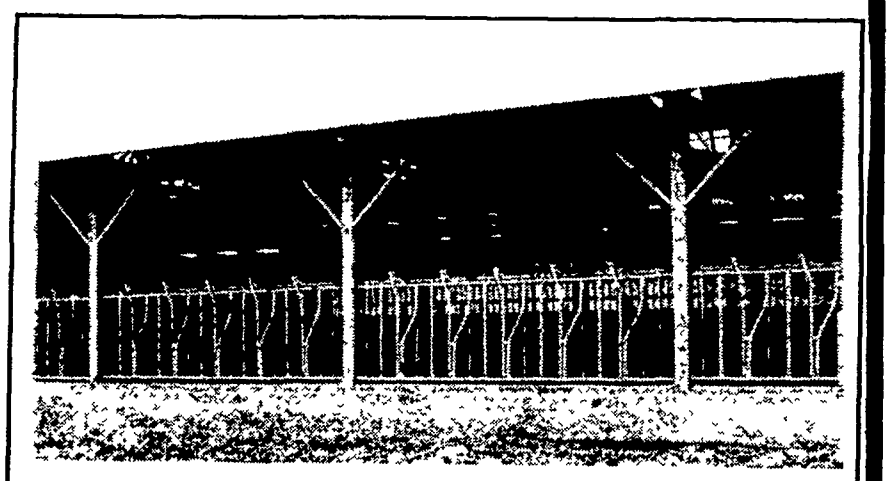
WASHINGTON, D.C. — Cheese prices reflect expanding production and consumption in the industry, increasing domination by fewer firms, and substantial governmental regulation.

The demand for cheese and resulting prices affect milk supplies and, in turn, the supplies and prices of all dairy products. Cheese prices doubled in the seventies. Increased prices for all dairy products were partly a result of the rising demand for cheese.

U.S. cheese production more than tripled to 3.7 billion pounds between 1950 and 1979, resulting in cheese utilizing 25 percent of all milk production by 1979—up from 10 percent 30 years ago. Per capita consumption more than doubled.

The nationwide price of domestic and imported cheese is based on prices established at the National Cheese Exchange in Green Bay, Wisconsin, although it handles only about 1 percent of cheese production. Prices set at the exchange are closely followed by other major markets. Cheese prices strongly influence farm level manufacturing and fluid grade milk prices.

Dairy farmers receive about 48 cents of each retail dollar spent on cheese. Processing, packaging, and transportation account for the remaining 52 cents. Retailers receive a higher profit from cheese than from other dairy products.



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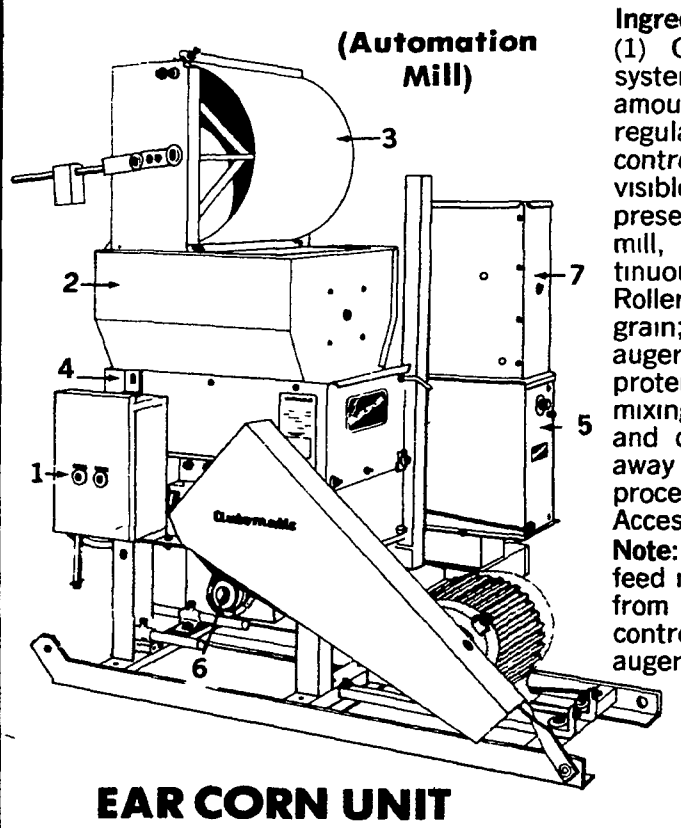

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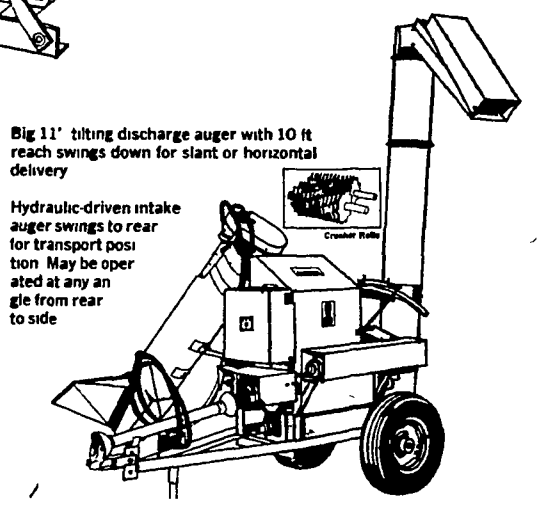
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'Sunbean', a breakthrough in moving genes

WASHINGTON, D.C. — Secretary of Agriculture John R. Block recently announced development of a technology for moving genes from one kind of plant to another.

"This breakthrough achievement opens a whole new era in plant genetics," Block said. "It is the first step toward the day when scientists will be able to increase the nutritive value of plants, to make plants resistant to disease and environmental stresses, and to make them capable of fixing nitrogen from the air."

Block said scientists of the U.S. Department of Agriculture and University of Wisconsin have opened the way to a new medium for the genetic engineering of plants-creating variations not now available because of sterility barriers between species and genera.

What the scientists have done is to transfer a gene that directs the production of major protein from its native location in the French bean seed into the foreign environment of a sunflower cell. They call the new plant tissue "sunbean."

The gene is stable in its new environment and is producing messenger RNA. Messenger RNA is the cellular vehicle that carries genetic information from the genes to the protein-synthesizing machinery of the cell.

The scientists now are looking for—and hope soon to see—the production of the bean protein in the "sunbean."

To achieve the genetic transfer, research teams led by biochemists John D. Kemp of USDA's Agricultural Research Service and Timothy C. Hall of the University of Wisconsin-Madison used a bacterium, Agrobacterium tumefaciens.

This bacterium, which causes crown gall disease in certain species of plants, has been called "Nature's genetic engineer" because it transfers a small piece of its genetic material into a host plant's cells.

This genetic material then is incorporated into the plant cells and causes fundamental changes in their genetic makeup.

Kemp said, "What we did was to turn the bacteria's exploitation of plant cells into a tool for the transfer of genes useful to us."

To do this, scientists employed a form of piggy-backing. The strategy used involved the splicing of the bean protein gene into a location of the bacterium the scientists know is responsible for transmitting crown gall disease.

Kemp said although the bean protein is not yet being produced in the new "sunbean" plant tissues, the scientists plan to modify their new methods until they attain high levels of protein production.

The next step is to regenerate a sunflower plant from the cells in the tissue cultures. The technology to do this is not yet available, nor do the scientists know exactly the effect the bean gene will have on regenerated sunflower plants.

These developments are yet to come. They may not come quickly or easily, Kemp said. However, he said, he and his colleagues will continue their pioneering work, which they characterize as "laying the ground work for 21st century agriculture."

This announcement closely follows one made by Block June 18 on using genetic engineering to produce a vaccine effective against the virus of food-and-mouth disease.

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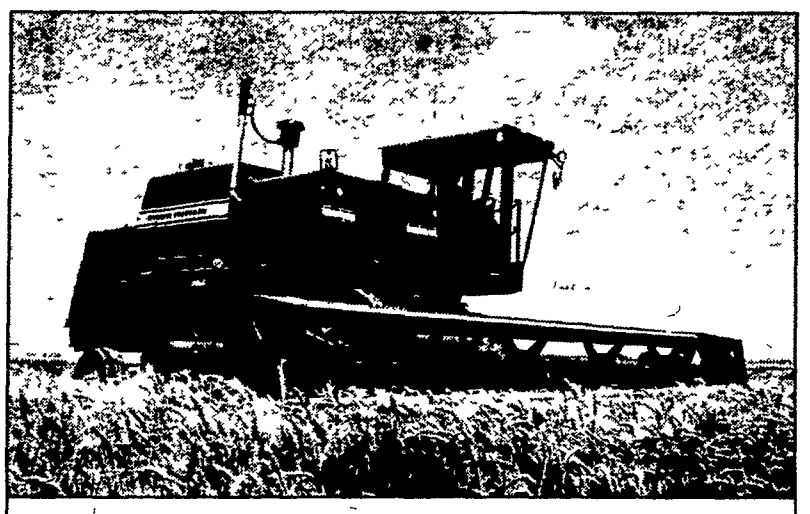

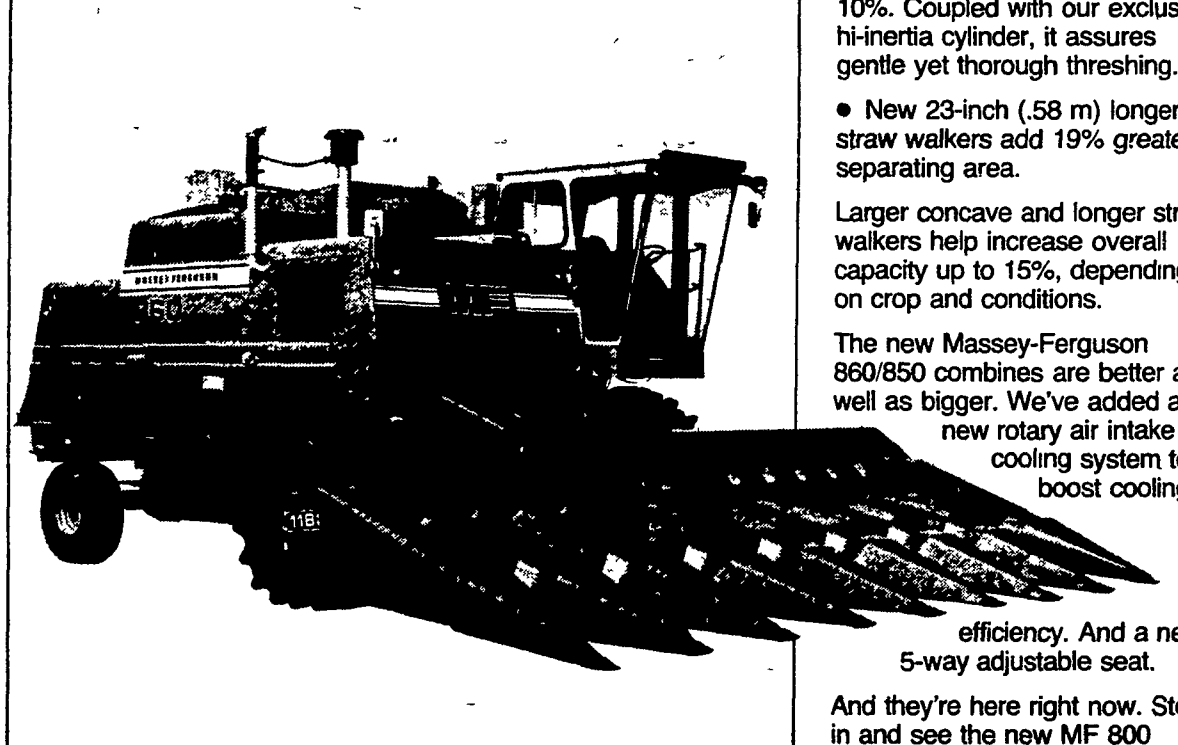

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1920, a tough year for farmers

Too much of everything triggers price fall

WASHINGTON, D.C. — It was a year not unlike many we've seen. A year that somehow held the promise of being a big one for farming.

Only it didn't work out that way. There was simply too much of everything and prices fell It was 1921—60 years ago.

The agricultural census showed the nation had 6,452,000 farms. Maine had 48,000 of them (versus about 8,000 today). Texas, of course, had the most—436,000 of them, followed by North Carolina with 270,000, Missouri with 263,000, Tennessee with 253,000, and Arkansas which had 233,000.

USDA's Monthly Crop Reported noted that livestock numbers were off 10,000,000 from 1920, and that the value per head had declined. It never did say exactly why—perhaps everybody knew and it wasn't necessary.

Horse numbers fell from 20.8 million in 1920 to 20.2 million in 1921; milk cow numbers from 23.6 million to 23.3 million; beef cattle numbers from 44.8 million to 42.9 million; sheep from 47.1 million to 45.1 million head; and hog numbers from 71.7 million in 1920 to 66.6 million.

Illinois with 1,394,000 horses and Iowa with 1,328,000 had more than Texas, which had 1,187,000 on farms.

Wisconsin, of course, had the most milk cows—1,828,000. New York was second with 1,448,000. Minnesota was third with 1,395,000.

Texas had the most mules—792,000—more than twice Missouri's total of 367,000. Then came Georgia, with 347,000; Arkansas, with 327,000; and Alabama, with 322,000.

Texas had the most other cattle, 4,547,000 of them. Followed by Iowa, with 2,969,000; Nebraska, with 2,659,000; and Kansas, with 2,075,000.

Iowa had the most hogs—9,510,000 of them. Followed by Illinois, with 4,585,000; Indians, with 4,209,000; and Missouri, which had 4,047,000.

The nation's farms burned 68,244,000 cords of wood that year. North Carolina farms burned the most—4,590,000 cords of it, followed by Tennessee with 4,301,000.

Even the statisticians were skeptical of the statistics. An Ohio statistician reported there were 35,026 silos, 8,313 tractors, 4,660 trucks on Ohio farms. While accepting the silo figure, he pointed out: "In the opinion of the statistician there are more tractors and trucks on Ohio farms than this report shows."

The value of horses fell from $94.42 per head in 1920 to $82 45 in 1921—the lowest since 1906.

Mule prices fell from their record 147.07 per head in 1920 to $115.72—their lowest since 1916. Here, a brief note hinted why. "The depression in the cotton states," it said, was responsible for bringing the mule prices down."

Milk cow prices fell 25 percent—from $85.11 per head in 1920 to $63.97, other cattle prices were down 27 percent—from $43.22 to $31.41. The value of hogs fell 32 percent—from $19.01 in 1920 to $12.99 in 1921; sheep prices fell 39 percent—from $10.52 to $6.41.

Wheat prices, at $2.58 per bushel in mid-1920, were down to $1.40 by January, 1921. They'd go to $1.11 per bushel by May, then to $1.01 in September.

Corn prices, at $1.85 in mid-1920, fell to 59½ cents by June, 1921. Oats, at $1.03 in 1920, fell to 38 cents a bushel in June, then to 30 cents a bushel by October, 1921. Hay dropped from $24.85 in mid-1920 to $12.52 in June, 1921—then to $11.36 later that year.

Cotton, at 37 cents in mid-1920, dropped to 9.4 cents per pound by May, 1921. Butter, at 38½ cents in 1920, fell to 29½ cents by mid-1921. Eggs, at 53½ cents per doz. in 1920, were selling at 19½ cents a dozen in mid-1921.

But, potatoes took the biggest drop. At $4.21 a bushel in June, 1920, they were going at 67 cents in June, 1921.

Hog prices fell from $13.45 in 1920 to $7.62 per hundredweight in 1921; beef cattle, from $8.97 per hundredweight to $5.98; maple syrup from $2.93 in 1920 to $2.08.

There was austerity in government as well. An announcement in the March 1921 Monthly Crop Reporter noted that: "Owing to the small fund available for printing, it has been found necessary to suspend the free list of the Monthly Crop Reporter except to persons co-operating with the U.S. Department of Agriculture." Other persons could subscribe to the publication for 25 cents per year, 40 cents foreign.

All in all, it must have been a very tough year, both for farmers and USDA.

Farmers rely less on pesticides

WASHINGTON, D.C. — U.S. farmers' use of insecticides and herbicides in the coming decades is expected to grow at a slower rate than in the 1960's and 70's. Through 1990, farm pesticide use should increase less than 1 percent annually, compared with 4 percent a year from 1966 to 1976.

The trend to Integrated Pest Management is a major reason, according to USDA economist Ted Eichers. In IPM, current technology and management practices can reduce crop losses from pests without relying as heavily on chemicals.

Eichers lists other reasons for a slower increase in the use of pesticides: for example, more complex chemicals applied at lower rates and machines that can apply them more efficiently.

While growth in the amount of pesticides used is slowing, costs are going the other way. Still, pesticide costs in the 1970's rose at less than half the rate of other farm inputs. Rising chemical and energy prices, however, are likely to pull them even in the 1980's.

The fastest growth in pesticide use will come overseas, especially in developing nations. Improved technology and rising food requirements in those countries should lead to rapid increases in pesticide application rates.

According to an industry study, world pesticide expenditures should increase by 14 percent from 1980 to 1984—a 3.5-percent annual increase.

The same study reports that herbicides should show the fastest growth rate in the U.S.—more than four times that for insecticides—though still far slower than in 1966-76.

Much of the projected growth in herbicides is due to the increasing use of reduced-tillage and no-till practices by farmers trying to save on machinery and work time and energy costs. These farmers will have to apply additional herbicides before planting to kill existing vegetation, besides that normally applied in the preplant and early growth stages.

Insect and disease populations may also increase because of the reduced cultivation, requiring more pesticides, but this won't offset the trend to slower annual increases in use.

Some researchers even predict a reversal of usage rates for insecticides in the coming decades—something that has already happened with cotton, a crop for which IPM works particularly well.

Other improved management practices should also help to hold down pesticide use. Crop rotation was a primary method of insect control before the development of effective pesticides. Many farmers have been returning to this practice, particularly in the leading corn-growing areas where soybeans have become a major crop.

Alternating corn with a legume crop such as soybeans reduces the chances that rootworms will build up large populations or become resistant to a chemical after repeated use.

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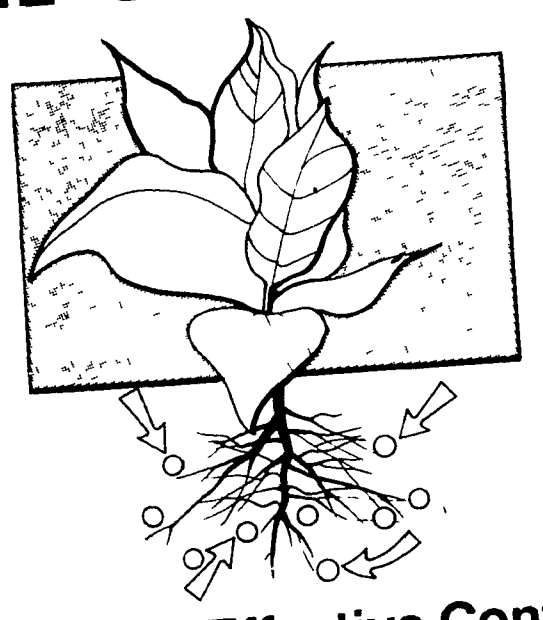

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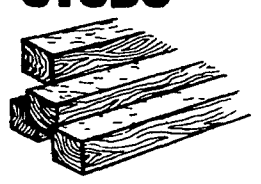

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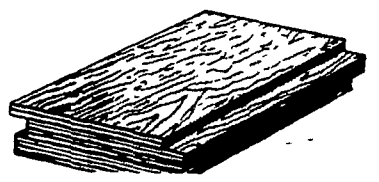

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Delegates suggest official test

HOT SPRINGS, Ark. — To adulterate or not to adulterate — that's not the question! Rather, the question is what official sensitivity test should be used in antibiotic detection in milk.

At the 18th National Conference on Interstate Milk Shipments, in Arkansas this spring, more than 250 delegates agreed to suggest to the FDA to change the official test, Sarcina lutea cylinder plate method, to a lesser involved method, Bacillus stearothermophilus disc assay said G. William Fouse, Pennsylvania's Chief of Division of Milk Sanitation.

Carol Wallace, laboratory director for DMS explained that the suggested Bacillus assay is somewhat shorter test which takes almost four hours to run. Meanwhile, the official FDA Sarcina test is generally an overnight method.

However, Fouse said, if approved, the proposed method will not appreciably effect the length of time handlers must sometimes wait before they know whether their load is adulterated.

The delegates also decided on a tolerance for Grade A milk and other dairy products.

In the pasta, 14 milimeter zone of bacterial growth inhibition was considered a positive reaction for antibiotics in a milk sample.

The delegates approved a laboratory committee report which reccommended using a larger zone, 16mm. However, Fouse pointed out that the reccommended level is comparable to the official FDA Sarcina test level.

"The point is really trying to establish a realistic level that the milk would be considered to be adulterated," he said.

The milk sanitation chief strongly emphasized that the proposed test and level will "very, very safely protect the public."

No deadline to date has been established for an FDA decision, said Fouse.

Club plans Holstein field day

LANCASTER — Men, women and children are invited to ply their judging talents for prizes at the annual Lancaster County Holstein Club Field Day, Thursday, July 30.

The festivities will begin at 10:30 a.m. at the John L. Landis farm, 1801 Colebrook Road, near East Petersburg. National Holstein Director, Donald Seipt will serve as official judge.

The afternoon program will be highlighted by a panel discussion with area breeders on results and experiences with embryo transfers.

There will be a chicken barbeque lunch, followed by a brief report on the national convention in Baltimore and remarks by County Agent Glenn Shirk and Lancaster County Dairy Princess Deb Greider.

Tickets for the barbeque are $3 and reservations must be in by July 25. Send reservations to club chairman, Carl Kreider, R.D. 1, Box 451, Quarryville, Pa. 17566 or call 717/786-2626.

To get to the Landis farm, take the East Petersburg-Landisville exit of Route 283 West. Turn right onto State Road heading towards East Petersburg and at the first crossroads turn right onto Colebrook Road. The Landis Farm is the first farm on the left.

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Governor's visit

(Continued from Page A1)

and bred by exhibitor at the state show this past year. Sire is Paclamar Astronaut.

The Ag Arena sale, which will feature sheep, hogs, beef, and all breeds of dairy cattle will raise money for the Penn State facility. Half of the proceeds from the benefit sale will go toward the arena.

The walking tour of the Snider farmstead took the governor through the life of a dairy cow, from the calf hutches through the graduated pens of the open-sided heifer barn, the stanchion barn, feedlot area, milk house and wound up in the former jugging retail area, which now is filled with show trophies and banners.

Along the way, Snider and Hallowell filled in Thornburgh on the details of dairy farming – why calves are reared in hutches, feeding techniques, the age-group pens in the heifer barn and field injection of the liquid wastes.

In brief comments, Governor Thornburgh explained that no precipitous action would be taken against fruits and vegetables coming into the state from California.

"Everything coming from California is receiving hands-on inspection," Thornburgh said.

"If we find anything that might affect the integrity of our own fruit and vegetable crop, we'll then take whatever action is necessary."

The governor reinterated that the action of the oil companies in passing along the wholesale gas tax to consumers was behavior not in the public's interest and that the forces of competition will make them take another look at their action.

Thornburgh said the prime needs now are to reduce the inflation rate, restore stability to the economy including the agricultural economy and reduce government spending.

"In Pennsylvania, we've kept the growth of government below the rate of inflation and I support President Reagan in his efforts on the natioanal level," Thornburgh said.

The governor ticked off the actions that have been taken in the Commonwealth in support of farming, such as the recently-signed Ag Areas Bill.

"We're here tonight to keep in touch with farmers and their problems," he said.

"Then, we can go back to Harrisburg and continue to tranlate these needs into action.

"We need to preserve prime agricultural farmland, but to do it we must preserve the family farmer, too."

After an afternoon of threatening skies and a few sprinkles that drizzled on the Snider's cut hay, the evening on the well-groomed lawn amidst acres of corn just beginning to tassel and wheat shoulder-high and ready to be cut was graced with pleasant weather.

The governor spent the night at the nearby Clarence Bowman home and then moved on to the Somerfest in Somorset on Friday and to the jugging operation and farm market of Sam Minor near Eighty-Four today.

An interested audience, at left, pauses amidst late evening dinner to watch visiting dignitaries on Sniders' Singing Brook Farm in Bedford County. In the front, from the left, are Secretary of Agriculture Penrose Hallowell, Obie Snider and Governor Dick Thornburgh. Later during on-camera TV interview, the governor spoke amidst a chorus of "mooing" to give authentic sound effects to the visit.

Obie Snider stresses a point about dairy cattle feeding techniques to Ag Secretary Hallowell and Governor Thornburgh.

Obie Snider tells about cow he's consigning to Penn State Ag Arena Fund Raising Sale scheduled on December 11. Ag Secretary Hallowell quipped to Governor Thornburgh that he plans to start the bidding at ten thousand.

Farm leaders from Bedford and surrounding counties gather on front lawn of Singing Brook Farm, Imler, to meet and talk with Governor Dick Thornburgh. Just behind fence, steaks are being barbecued for the group.

Governor Thornburgh signs guest book in the Snider Holstein Trophy Room.

China seen as a growing market for U.S. grains and soybeans

WASHINGTON, D.C. — U.S. grain sales to China this year could top 8 million metric tons, up significantly from earlier expectations and slightly above 1980, according to Deputy Secretary of Agriculture Richard E. Lyng who is heading a joint government-industry grain team in China.

Lyng also said longer term prospects for U.S. grain sales to China are promising.

His remarks came at a press conference following a week of meetings with leading Chinese government and industry officials.

Lyng said U.S. grain exports to China totaled about 7.8 million tons in 1980, including 6.1 million tons of wheat and 1.7 million of corn. Total U.S. agricultural exports to China more than doubled in 1980 to $2.2 billion, which represented 50 percent of all U.S. exports to China that year.

"Another good performance is seen for 1981," Lyng said.

China's Vice Premier Yao Yilin, chairman of the State Planning Commission, told Lyng his country will continue to rely on grain imports over the next few years to allow for faster development of light industry, more efficient adjustment of agricultural production and an increased standard of living.

However, Lyng said China's imports probably will be limited to about 15 million tons over the next few years, based on his discussions with Chinese officials.

Lyng's team is in China to try to develop specific plans for expanding use of U.S. grains, improving trade servicing, and determining the likely level of Chinese purchases from the United States over the next few years.

"The Chinese have expressed great interest in improving and expanding the number of uses they have for their grain," Lyng said. The U.S. grain industry—represented on the team by E. Thurman Gaskill, chairman of the U.S. Feed Grains Council, and Harrell Ridley, vice chairman of U.S. Wheat Associates, Inc.—is responding by helping the Chinese find more uses for noodles, flour, feed and corn. These two farmer-directed organizations work closely with USDA's Foreign Agricultural Service in market development projects abroad.

The U.S. wheat industry has plans to build a pilot noodle plant and a pilot flour mill in China in an effort to promote larger sales of U.S. wheat, Lyng said. U.S. Wheat Associates, Inc., will pursue the possible construction of these new plants with the Chinese.

Lyng toured the construction site of the demonstration bakery which the U.S. wheat industry is helping the Chinese build. The bakery, scheduled to open in the fall of 1981, will be used both for bread production and for training Chinese bakers in modern baking techniques. U.S. Wheat Associates will also open an office in Hong Kong to help expand sales to China, Lyng said.

Lyng also announced several upcoming exchanges of policy and technical personnel between the United States and China. A high level team of Chinese policy-makers will visit the United States in 1981, and up to three technical exchanges have also been set between now and early in 1982, Lyng said.

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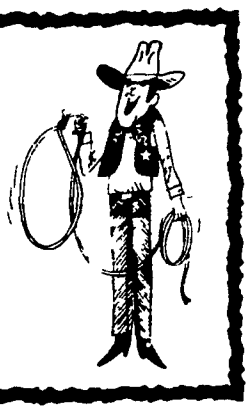

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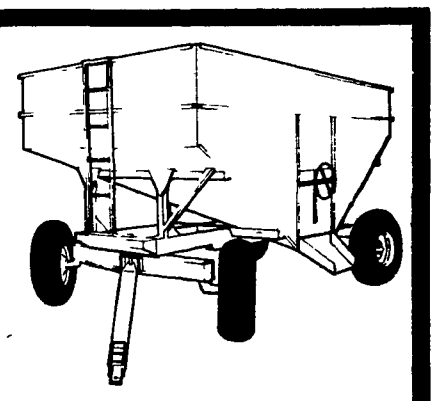

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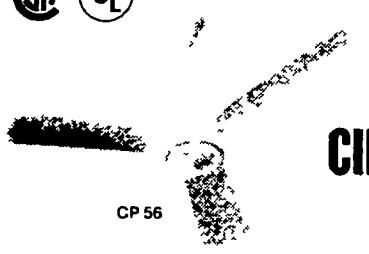

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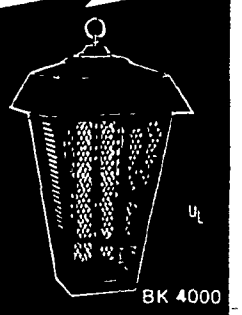

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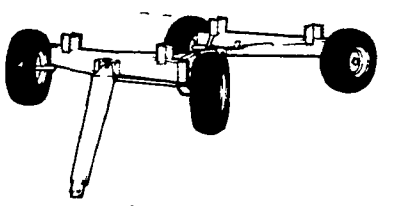

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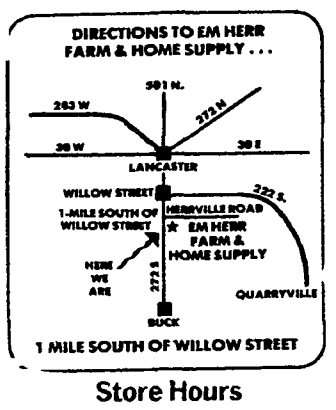

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Get a jump on soybean cyst nematode

BLOOMINGTON, Ill. — Was soybean cyst nematode a problem in your fields this year? Don't be too surprised—it may be the most destructive soybean pest in the United States.

And now is a good time to consider one of the control options available to stay one step ahead of SCN in coming seasons, says Charles Brim, manager of soybean research at Funk Seeds International.

"Nematodes are most often spread to new areas on contaminated equipment," Brim says. "This fall, be sure to clean your equipment thoroughly before moving to other fields. And work infested fields last.

"Rotation, resistant soybean varieties and nematicides will all help reduce SCN damage," he adds.

Resistant varieties, used in a well-managed rotation program, are the most effective, least expensive means of SCN control. "Although public varieties such as Forrest, Franklin and Bedford have race-specific SCN resistance, we are going one step further at Funk to develop locally adapted varieties with both resistance and yield advantages," Brim adds.

He suggests growers first determine if SCN is present in their fields and the specific SCN race before planting a resistant variety. Local crop production specialists or Extension plant pathologists can test soil for the presence of SCN.

"Resistant varieties are not necessarily top performers if planted in non-infested fields. For example, Franklin will perform better than Williams under pressure from SCN, but will not do as well as Williams if uninfested fields," says Brim.

Rotating susceptible soybean varieties with nonhost crops and resistant soybean varieties will also contain the spread of SCN. Nonhost crops include corn, oats, small grains, sorghum, and leguminous forage crops.

"Studies show that each year a field is free of a host crop, nematode populations are reduced by 50 to 90 percent," Brim points out. But SCN populations may increase enough to cause yield damage in only one year of a susceptible crop.

He suggests planting a nonhost crop or resistant soybean varieties for two consecutive years to reduce SCN populations. A susceptible variety, for higher yields, may then be planted the third year.

However, if Race 4 is a problem, which it is for many soybean growers in the South, Brim cautions growers planting Race 4-resistant Bedford continuously could increase the chances of a new race developing, jeopardizing future resistance.

Bedford is resistant to only a few of the 13 biotypes of Race 4 SCN that have been identified. Successive plantings of Bedford could result in development of populations of those biotypes which will attack Race 4-resistant varieties, further reducing the effectiveness of planting Bedford in Race 4-infested soils.

Nematicides are the next best alternative when resistant soybean varieties aren't sufficient protection in heavy SCN populations or when rotations aren't feasible. Although they represent the most expensive treatment method, several effective nematicides and preplant soil fumigants are available, Brim says.

But for chemical controls and resistant varieties to produce full yield benefits, both must be backed up with adequate soil fertility, he adds. Fields should be soil tested regularly and adequate to high potash and phosphorus levels maintained to promote good growth and reduce nematode damage.

Finally, growers should purchase seed from a reliable source to prevent field contamination. "Nematodes may be present on soil particles attached to seed that hasn't been thoroughly cleaned, and growers can be introducing SCN to their fields at planting," Brim concludes.

Meeting on hazardous waste this Wednesday

HARRISBURG — Proposed criteria for siting hazardous waste facilities in Pennsylvania will be discussed at a public meeting in Room 31 of the Education Building, 333 Market Street, Harrisburg, between 4 and 7 p.m. Wednesday, July 22.

Mary T. Weber, special deputy secretary of the Pennsylvania Department of Environmental Resources and chairman of the Commonwealth's Hazardous Waste Facilities Planning Advisory Committee, will preside. She conducted similar meetings in Pittsburgh on June 24 and Norristown on July 9.

The proposed "Preliminary Environmental, Social and Economic Criteria and Standards for Siting Hazardous Waste Treatment and Disposal Facilities," prepared by DER with the cooperation of the 14-member advisory committee, was published in the Pennsylvania Bulletin for a 90-day public comment period ending Thursday, July 23.

Copies of the proposed criteria are available from: DER Hazardous Waste Management Division, Box 2063, Harrisburg, Pa. 17120. Recommendations and comments on the criteria, prepared under a mandate of the Solid Waste Management Act of 1980, should be sent to that address.

The committee has asked that, where possible, those planning to speak at the meeting register in advance with the division. Speakers are requested to bring written summaries of their comments.

The proposed criteria define the environmental, social and economic factors which must be considered to assess the geologic, hydrologic, soils, air and water quality, natural, scenic, aesthetic and economic impact of locating each hazardous waste facility.

The criteria also define how the effects of each facility should be assessed in relation to transportation, population, land use, ownership and proximity and possible compensation to the host municipality.

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WED., JULY 22
7:00 P.M. Pony Pull
8:00 P.M. Music
8:30 P.M. Pie Eating Contest

THURS., JULY 23
10:00 A.M. Black & White Cattle Judging Show
9:30-11:00 A.M. Placing Baked Goods & Flowers
1:00 P.M. Judging of Exhibits
7:00 P.M. Tractor Pulling Contest-Class B PTPA Sanction
Demonstration of Corn Grinding with Antiques
8:00 P.M. Music

FRI., JULY 24
10:00 A.M. Youth Cattle Judging
7:00 P.M. Garden Tractor & Mini Rail Pull - Class B PTPA Sanction
Fashion Show
Demonstration of Antique Engines & Sawing
8:00 P.M. Music

SAT., JULY 25
9:00 A.M. Sheep Show for Youth & Open Class
10:00 A.M. Safe Tractor Driving Contest
1:00 P.M. Steer Show
6:00 P.M. Community Day For Fun
6:00-7:00 P.M. Demonstration of Antique Engines, Farm Machinery, Log Sawing & Thrashing
7:30 P.M. Watermelon Eating Contest
8:30 P.M. Tug of War
Music by Willis Meyers
10:00 P.M. Cake Walk
12:00 P.M. Drawings

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But, as good as these new hybrids are, you can't buy them now. The only way you can try them in your fields next year is to wait until after your harvest—and ours.

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We're plenty excited about our new hybrids. We increased our seed corn production this year to 22,000 acres. And we're so sure of our new singles that we planted 80% of this expanded seed crop to them. There has never been a situation like this that we know of where a company has made such a big shift to new hybrids, especially when their old hybrids were still producing well.

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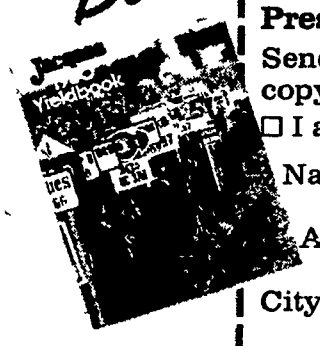

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MILK MARKET NEWS

HARRISBURG — According to a recent Crop Reporting Service bulletin, Pennsylvania manufacturers produced 79.9 million gallons of ice cream during 1980, up 8 percent from 1979, and ranked second in the nation in total ice cream production. California was the largest ice cream producing State with a total production of 90.7 million gallons.

Ice milk production in Pennsylvania during 1980 totaled 15.2 million gallons, down 2 percent from 1979. Pennsylvania ranked fifth in the nation in 1980 ice milk production following California, Ohio, Illinois, and Florida.

Milk sherbet production at 3.6 million gallons was up 28 percent from the previous year and ranked second in the Nation following California. Other frozen products manufactured totaled 1.2 million gallons, an increase of 15 percent over 1979.

Dairy product plants in the Commonwealth produced 59.2 million pounds of butter during 1980, up 21 percent from 1979. Creamed cottage cheese production at 45.4 million pounds was down 2 percent from the previous year while lowfat cottage cheese production at 16.9 million pounds was down less than 1 percent.

Pennsylvania's total production of cheese during 1980, excluding cottage cheese, totaled 101.3 million pounds, up 8 percent from the previous year. Mozzarella production at 24.9 million pounds was down 2 percent, while other types of Italian cheeses totaled 16.6 million pounds, up 16 percent from 1979. Swiss cheese production was 7.0 million pounds, down 21 percent from the previous year.

Production of dry and condensed milk during 1980 and the changes from 1979 were: whole unsweetened condensed — 43.2 million pounds, up 2 percent; skim unsweetened condensed — 57.7 million pounds, up 2 percent; nonfat dry milk for human food — 48.3 million pounds, up 131 percent.

During 1980 a total of 3.71 billion pounds of whole milk was used in manufactured dairy products in Pennsylvania with 34 percent of this total used for the production of butter, 20 percent for cheese, 32 percent for frozen products, and 14 percent for other milk products.

U.S. CHEESE OUTPUT UP 7 PERCENT

Total cheese production, excluding cottage cheese, continued its upward trend in 1980, reaching a record high 3.98 billion pounds, 7 percent above 1979.

The largest percentage increase was registered in American cheese. Wisconsin was the leading producing State with 37 percent, followed by Minnesota with 13 percent, and New York with 8 percent.

Ice cream production totaled 830 million gallons, up 2 percent from the 811 million gallons produced in 1979. Ice milk declined 1 percent to 293 million gallons.

Milk sherbet showed a slight increase while other frozen dairy products declined 15 percent. Mellorine production was down 16 percent from 1979.

Manufactured dairy products used 58.8 percent of all milk marketed in the United States during 1980 compared with 56.6 percent in 1979. Whole milk used for manufacturing products based on milk-fat content totaled 74.1 billion pounds, 10 percent more than the previous year.

ORDER NO. 4 BASE MILK PRICE FOR JUNE

ALEXANDRIA, VA. — Middle Atlantic Order Market Administrator Joseph D. Shine, last Thursday, announced a June 1981 base milk price of $13.89 per hundredweight and an excess milk price of $12.37.

The weighted average June price was $13.86 and the butterfat differential for the month was 17.0 cents. The base milk price declined two cents from May, while the weighted average price was up three cents.

The advertising withholding rate, which is deducted from the base and excess milk price and not the weighted average price, was 13 cents a hundredweight and the amount withheld totaled nearly $640 thousand.

The gross value of producer milk during June was $68.0 million, compared to $59.9 million a year ago.

Mr. Shine said that producer receipts totaled 491.8 million pounds during June, a sharp drop of 5.6 percent from May, on a daily basis. Milk production this June was up over 29 million pounds or 6.3 percent from a year ago.

Class I producer milk totaled 223.6 million pounds and accounted for 45.47 percent of total receipts. A year ago Class I producer milk totaled 219.2 million pounds and 47.39 percent of total receipts.

Base milk accounted for 89.36 percent of total monthly production. There were 7,497 producers supplying pool handlers during the month, an increase of 171 from last June.

The average daily delivery per producer was 2,187 pounds in June, a drop of 136 pounds from May, but 82 pounds or 3.9 percent above last year. The average butterfat test of producer milk was 3.55 percent compared to 3.62 in May and 3.86 last June.

Middle Atlantic order pool handlers reported Class I in-area milk disposition of 190.0 million pounds during June, a drop of 1.9 percent from a year earlier, after adjustment to eliminate variation due to calendar composition.

Utilization

Butter output during January-April was up about 11 percent from a year earlier, and the highest since 1965, reports a recent USDA bulletin

The January-April increases reflected the larger milk supply available for manufacturing during 1980 and 1981.

For May, preliminary weekly data show output unchanged to up slightly from a year ago.

With large amounts of skim milk available from butter production, nonfat dry milk output during January-April increased almost 18 percent from last year.

American cheese production during January-April was up about 14 percent, compared with a gain last year of about 7 percent. However, there is some indication that additonal resources have been added to the industry to overcome last year's capacity problem during flush.

American cheese production during April was the largest on record and preliminary weekly data show May output up about 3 percent from last year.

Meanwhile, manufacture of other varieties of cheese was up 3.5 percent in April, but for the year is down slightly. Production of evaporated and condensed milk for the January-April period was off about 5 percent, while ice cream was nearly unchanged, and dry whole milk was up about 4 percent.

During the first four months of the year, almost 8 percent (1.9 billion pounds) more milk was used in making manufactured dairy products than a year ago. This reflects the fact that manufacturing use is the residual claimant of milk supplies.

Furthermore, a sharp decline in Wisconsin spot out-of-state shipments of milk was indicative of the excessively large supply of milk available, as little additional fluid supplies were needed in other markets.

With continued heavy supplies of milk expected through this summer, butter-powder output should continue to be large, but may abate relative to a year ago.

The additional American cheese capacity may contribute to this slowing as more milk relative to a year ago goes into cheese production.

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Gypsy Moth fight continues in Pa. & Md.

REFTON — While tree toll reports due to the 1981 attack of the Gypsy Moth continue to mount in Pennsylvania and Maryland, residents who lived through the latest invasion angrily and loudly begin to look toward next year's war on the forest pest.

This is a Gypsy Moth survey trap, some 5,000 of which have been deployed throughout Maryland this summer by the Maryland Department of Agriculture's Gypsy Moth Control Section. Anyone finding one of the bright-green traps is asked to leave it undisturbed.

Such was the case Tuesday night at the Refton Fire Hall in southern Lancaster County at a public meeting called by State Rep. Gibson E. Armstrong.

Two principal factors emerged, which complicated this year's Gypsy Moth spraying program, and which will be at the center of attention next year.

First is the lack of financial commitment of public officials to the problem, particularly at the state level.

Second is a lack of good communication between officials and residents who are directly affected by spraying.

Representative Armstrong laid the official problem at the age-old doorstep of the difference in concerns between metropolitan and rural areas of the state. The fight at the state level for funding is difficult, he said, because cities such as Pittsburgh and Philadelphia do not identify with the problem.

"We talk about gypsy moths," Armstrong said, "and they talk about welfare.

"If there was some way to feed gypsy moths to welfare recipients, we could solve our problem."

Concerning the lack of good communication concerning spraying, Linda Reekie, assistant Lancaster County planner who served as Gypsy Moth coordinator, explained that local coordinators would be appointed next year to improve communication between residents and officials.

Residents were asked to contact The Lancaster County Commissioners Office to pinpoint locations of highly infested areas. Also, residents wishing to have their properties considered for spraying next year are asked to contact the office by October 1.

At the center of considerable controversy was the 500-foot DER regulation concerning spraying. Some residents expressed anger at the regulation that if a person objects to spraying, land 500 feet on either side will not be sprayed, too.

Residents asked how they can be sure their property will be sprayed, particularly if a neighbor objects.

Those at the meeting were urged to apply pressure on the legislature and other officials to appropriate money for next year's spraying program.

The Gypsy Moth toll in Pennsylvania has been set at three million acres of forestland in 40 counties and at some 7,000 acres in Cecil, Harford and Baltimore counties of Maryland.

"Adverse effects from this year's record defoliation should only be temporary in nature," according to James O. Nichols, chief of Pa. DER's Division of Forest Pest Management.

"Defoliated hardwoods are beginning to develop new leaves," he said.

"Although some trees, mostly conifers, have been killed the overall mortality rate should be relatively light, thanks to the abundant rainfall which has aided refoliation."

Nichols explained that the best pest control can be achieved by building more pest-resistant forests.

"Until then, DER is obligated to assist those people who live in forested areas from being overrun by caterpillars.

"A limited spraying program is necessary, but the funds were lacking this year and many properties had to be eliminated from the 1981 spraying program. We must find some way to correct this in 1982 or the human misery will be compounded."

In Maryland, some 5,000 traps have been distributed by the Department of Agriculture to determine the spread of the moth.

"The traps are being used as a measurement tool to accurately determine population levels and spread of the insect," explained Paul Bystrak, who heads the MDA's Gypsy Moth control program.

The traps are baited with a sex scent to attract male gypsy moths during the July breeding season. The traps were placed the end of June and will be retrieved in August.

In Cecil County and all counties west of the Chesapeake Bay, the traps are set on a two square kilometer grid pattern. On the Eastern Shore from Kent County down, the traps are set on a six square kilometer grid pattern.

"Based on the number of male moths we find in the traps compared with our earlier records, we

(Turn to Page A37)

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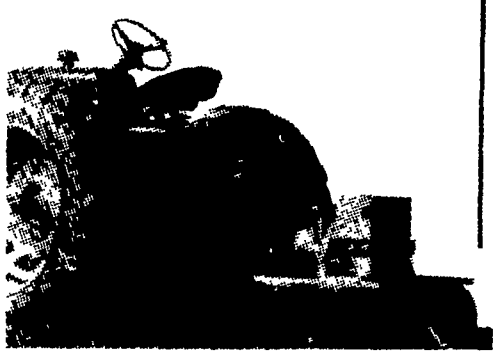

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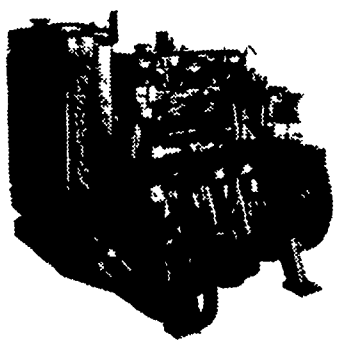

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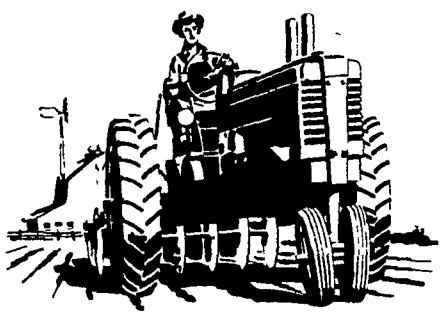

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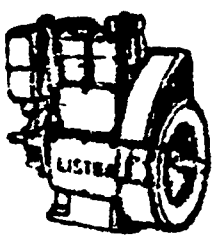

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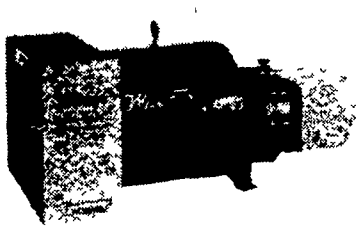

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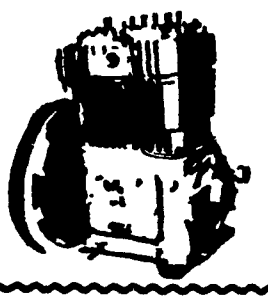

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Ram sale record

(Continued from Page A1)

after auctioneer Rollie Rosenboom's gavel fell.

Calling for bids, the lamb's price quickly jumped into the thousands of dollars. And, one by one, Rosenboom entreated the two bidders to "go one more." As this piece by piece bidding slowly moved into the '20s', then '30s', a murmured chuckle could be heard from the crowd of buyers and consignors.

"If that's the way we have to do it, we will," announced the auctioneer, and the crowd grew intensely silent. All eyes were on the two contending bidders, watching the nods as another hundred was added to the price tag.

All the while Culham knealt next to the ram lamb, keeping him set up to perfection for the future buyer's eye. Even when the bidding stalled at $4,700, Culham and the ram kept cool.

After several entreaties from Rosenboom, the contending bidder gave in and went another hundred. Then, in rapid succession that was hard to keep up with, the bidding jumped to $6,000. That was too much for the contending bidder who dropped out of the race.

When the auctioneer sounded the final call, Eberts became the new owner of Lot 532. He noted this ram is the "right breeding and fits my bloodlines", pointing out his sire, Quasar, is from the Big Joe and Olsen breeding. "He should have been champion," claimed Eberts.

What was Culham's reaction to this high-priced demand for his ram? — grateful disbelief.

"I would have been thrilled with $2,000," he laughed. "It would have been fine with me even if the bidding had stopped at $4,700.

"Auctions are crazy. You just never know, do you? If I had asked those two guys for a price of $6,000 before the sale, they would have walked away laughing."

Culham, who has been raising sheep since he was 9-years-old and now owns 90 registered Suffolks and 300 commercial ewes, said this is "undoubtedly" the highest price he's ever received for a lamb, especially a third place one. Commenting on the lambs show placing, Culham said, "He got ripped off."

The supreme champion ram of the Keystone Sale show brought the second top price at Saturday's sale. Half interest in this Cheviot ram, consigned by Robert and Edith Kelley of Skowhegan, Maine, sold for $1,200 to Martin Brothers of Willard, Ohio.

The supreme champion ewe, a Hampshire junior ewe lamb consigned by Gillespie Sheep Co. of Fulton, Missouri, sold to Judy Harwood, Ionia, Missouri, for $700.

The grand champion Dorset ewe, consigned by Dr. and Mrs. Robert Herr of Narvon, Lancaster County, sold to Lewis Meiser, Jr., Mt. Pleasant Mills for $375.

Stephen Myers of Rushsylvania, Ohio consigned the champion Dorset ram and the reserve champion Dorset ewe. The junior ram lamb sold to Doug A. Whitfield, Schellsburg for $275, while the junior ewe brought $375 from Francis R. McAlonan, Alloway, N.J.

And Penn State's reserve champion Dorset yearling ram brought $475 from Armon Snowden, Hershey.

The 67 Dorset consigned totaled $13,660 and averaged $203.88.

The first place yearling ram and the first place senior ram lamb brought the highest prices in the Hampshire ram sale. Linda Harwood's yearling brought $475 and sold to Black Berry Hill Hamps, Ashbury, N.J. Buster Wilson of Rural Retreat, Virginia, received $475 for his senior lamb from Peter Levan, Bellefonte.

Wilson's junior lamb, the champion Hampshire ram, was purchased by William H. Stoner, Mifflintown, for $425. The reserve champion Hamp ram was purchased by Stoney Road Farm, Flemington, N.J. for $200. It was the consignment of Stuart Hamps, Leslie, Missouri.

There was an upset in the Hampshire ewe sale, with the second place yearling ewe selling for the top bid of $900. Consigned by Charles Kirlin, Milton, Indiana, the ewe sold to Hamps, Inc. of Marion, Ohio.

Judy Harwood of Ionia, Michigan purchased the champion Hampshire ewe, a junior ewe lamb consigned by Gillespie Sheep Co., for $700. The reserve champion Hampshire ewe, consigned by Judy Moore of Eagle, Missouri, sold to Steward Ebersole, York, for $625.

A total of 62 Hampshires sold for $16,200, averaging $261.24.

Homer Long and family, of Ballard, W.V., purchased both the champion and reserve champion Cheviot ewes, the first and second place junior ewe lambs, for $600 and $225 respectively. The ewes were consigned by Judy Moore and Martin Brothers.

The reserve champion Cheviot ram, consigned by E. Spraker and Albert Wilson, sold to H.W. Irvine of Gaithersburg, Md. for $300.

The 58 Cheviots brought $11,705 for an average of $201.81.

W.G. Carpenter and Son of Jefferson, Maryland consigned all the top selling and champion Southdowns at the Keystone sale.

Top-selling ram was the fourth place senior lamb which sold to Renee Harris, Stillwater, for $225. The champion yearling ram sold to Gordon Gilchrist, Mt. Pleasant, Michigan, for $175; and the reserve champion senior ram sold to Chris Snyder, Moline, Illinois for $200.

The first and second place senior ewe lambs were the top-priced Southdown females, selling to Chris Snyder for $300 each. Darlene McConaughey of Smicksburg, purchased the champion junior ewe lamb for $200; and A.T. Newberry, Jr. of Bland. Virginia purchased the reserve champion yearling for $175.

There were 27 Southdowns sold for $3,414, averaging $126.48.

William E. Tucker, Ashland, Ohio, sold the high-priced Corriedale ewe and the champion ram. Buying the yearling ewe for $250 was Raymond Forrester, Albie, Virginia and Roger Ripstein, Roundhill, Virginia purchased the champion ram for $200. Ripstein also purchased the champion junior ewe lamb from K&K Corriedales, Ashland, Ohio for $175.

Tammy Craig, from Clay City, Illinois purchased both the reserve champion senior ewe lamb and the reserve champion yearling ram in the Corriedale sale for $150 and $125 respectively.

The high-selling Corriedale ram was consigned by Charles McCrae, Mohnton and sold to Barbara Carlbon, Pattenburg, N.J. for $225.

A total of 30 Corriedales grossed $3,855 for an average of $128.50.

Shober & Calvert Farms, Berlin, sold their Shropshire champion and reserve champion junior ram lambs for $225 each to Renee Harris, Stillwater and Wilmer French, Reading, Michigan.

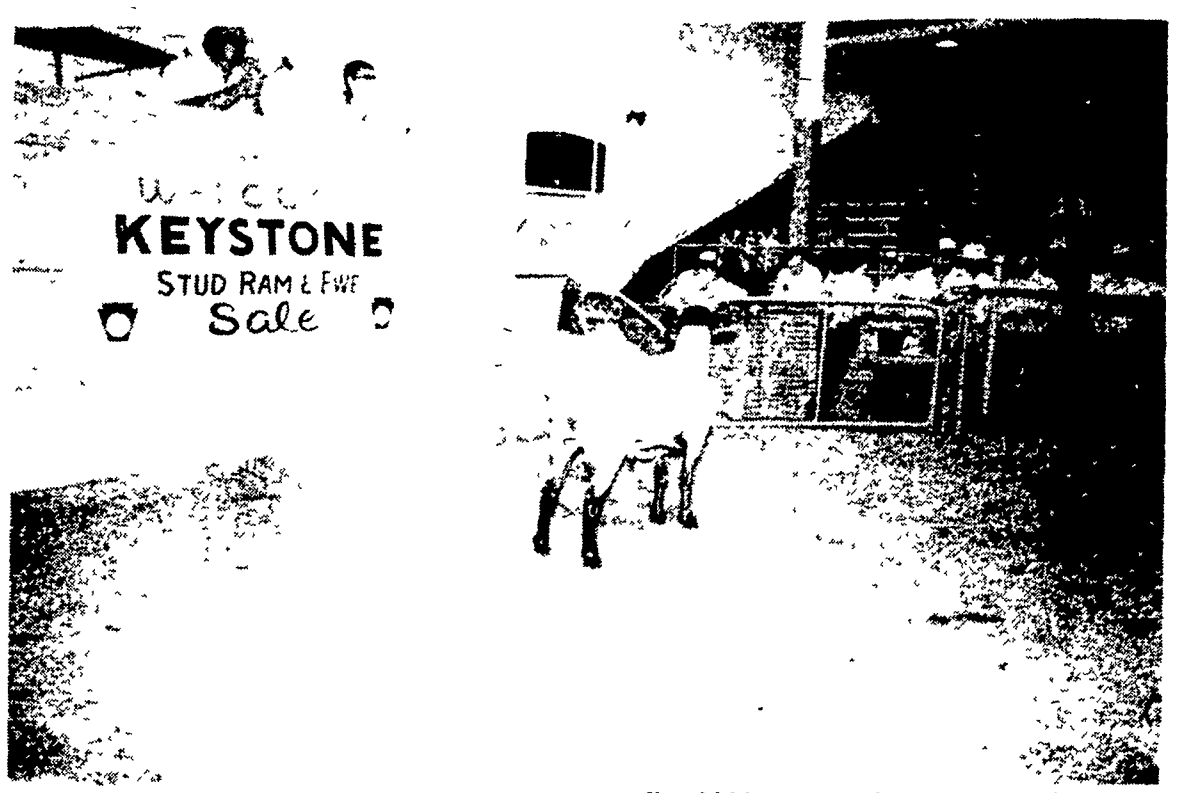
Tammy Hopkins of North Scituate, R.I. sold her champion Shropshire junior ewe to Spring Bottom Farm, Fairfield for $385. Ed Peckham of Belchertown, Massachusetts, purchased the reserve champion junior lamb for $350 from Donald Shepard, Charlotte, Michigan.

The 33 Shropshires sold for $5,075 and averaged $153.78.

Kenneth T. Moore, Nichols, N.Y., consigned the champion Rambouillet ram and ewe. The yearling ram sold to William Free, East Berlin for $325, while the yearling ewe sold to Richard Eberts, Newville, for $300.

Dave Clouser, Nova, Ohio, consigned the reserve champion senior ram lamb and the reserve champion yearling ewe. The ram sold to Brian Culham, Dansville, Michigan for $175 while the ewe sold to William Free for $225.

The 23 head of Rambouillet grossed $4,055 and averaged $176.30.



Auctioneer Rollie Rosenboom calls for just another hundred or so to get the price of the record-breaking ram "over that magic 50." Consignor Alan Culham watches the contending bidder intensely while the bid stalls at $4,700. Then, in just a matter of seconds, the price tag jumped to $6,000 to set a record for the Keystone Stud Ram and Ewe Sale.

The champion Suffolk ewe, consigned by Alan Culham who also sold the high-selling ram, brought $950 from Stuart K. Gilbert of Red Hook, N.Y. The reserve champion ewe, consigned by Norm Pensoneau, Belleville, Illinois, sold to Roy Estel, Clinton, for $700.

The champion Suffolk ram was consigned by Fairview Farms, Sterling, Colorado, and sold to John Hogi, Hopewell, N.J. for $350. The reserve champion ram was sold by Bob and Tootie Monson, Roxbury, Connecticut, to Lawson Deerfield Farm, Culpepper, Virginia for $425.

The 85 Suffolks grossed $33,435, averaging $393.35.

A total of 385 head were auctioned by Rollie Rosenboom and Ken Brubaker, New Holland for $91,400.

In Dorset, Corriedale, Shropshire Shows

Pa. sheep showmen take champs at Keystone Sale

HARRISBURG — Both of the supreme champion trophies awarded at last Friday's Keystone Stud Ram & Ewe Sale show, held here at the Farm Show Complex, went to out-of-state entries

The supreme champion ram was also the Cheviot ram champ This yearling ram was exhibited by Robert and Edith Kelley of Skowhegan, Maine. A class winner who caught the judges' eyes from his first step onto the tanbark, the supreme champion is sired by KEH 78 out of HWB 360. Wearing his breeders' prefix, R & E Kelley 756 topped the entire ram show. Half interest in the ram sold Saturday (see front page story).

Judges Ron Guenther of Columbus, Ohio, and Rollie Rosenboom of Clifton, Illinois, went with the junior ewe lamb in the Hampshire breed for their supreme champion ewe selection. Gillespie 81-81, a February twin, topped her class of Junior Ewe Lambs and went on to claim the championship in the female division of her breed. A daughter of twin parents, Gillespie 81 was sired by Heggemeier Rocket Supreme out of Nelson 7922, the 1978 National Champion ram and the top selling ewe at the 1980 Nebraska Hampshire sale. The supreme champion ewe was exhibited by Gillespie Sheep Company, Fulton, Missouri.

Pennsylvania exhibitors took home championship trophies in the Dorset show, Corriedale show, and Shropshire show.

Dr. and Mrs. Robert D. Herr of Narvon, Lancaster County, exhibited their senior ewe lamb to the top of her class and on to take the championship Nix Besser 021, an October, 1980 twin, is sired by Saylor & Sons S-771 out of a homebred ewe, Nix Besser 133.

The reserve champion Dorset ram honors went to a Penn State entry. The yearling ram, Penn State 8043, topped his class before standing next to the first place champion junior ram lamb exhibited by Stephen Myers of Rushsylvania, Ohio. The reserve champion ram is sired by Staver 333 out of Penn State 7731.

Charles McCrae of Mohnton showed his senior ewe lamb to the top of her class and on to take the reserve championship in the Corriedale show. Lambed October, CRM 185 is sired by NGW 991 out of Kin 4797.

In the Shorpshire show, Shober & Calvert Farms of Berlin captured both championship trophies for their junior ram lambs. Both lambs were sired by Beall's Onward 392 out of Shober ewes. The lamb selected for the championship was the younger of the two rams by five days

Show results are:

DORSET

Yearling Rams

1 Penn State reserve champion 2 Elizabeth S Grey Woodbine Md 3 Erdenheim Farm Lafayette Hill 4 French & Zinser Dorsets Reading Mich 5 Michael L Carpenter Jefferson Md

Senior Ram Lambs

1 Ovine Alley Dorsets Palmyra 2 Dr & Mrs Robert Herr Narvon 3 Charles J Botero Whitmore Lake Mich 4 Kenneth T Moore Nichols N Y

Junior Ram Lambs

1 Stephen Myers champion Rushsylvania Ohio 2 Michael L Carpenter 3 Ovine Alley Dorsets 4 Fred D Scheyer & Sons North Hampton N H 5 Dr and Mrs Robert Herr

Yearling Ewes

1 Ovine Alley Dorsets 2 Kenneth T Moore 3 Penn State 4 G C Klahold Sinking Spring 5 James E Baxter Marlinton W V

Senior Ewe Lambs

1 Dr and Mrs Robert Herr 2 Michael L Carpenter 3 5 John R Sevick Pennsylvania Furnace 4 French & Zinser Dorsets

Junior Ewe Lambs

1 Stephen Myers reserve champion 2 Cat s Paw Farms North Berwick Maine 3 Dr & Mrs Robert Herr 4 Ovine Alley Dorsets 5 Kenneth T Moore

HAMPSHIRE

Yearling Rams

1 Linda Harwood Ionia Mich , 2 Van Vleck Farms Woodbury Ct 3 Stuart Hamps Leslie Mich 4 Vernon Deal & Family Navarre Ohio 5 Mr & Mrs Clyde Brubaker Lancaster

Senior Ram Lambs

1 Albert Wilson Jr Rural Retreat Va 2 Price Stock Farm Westminster Md

Junior Ram Lambs

1 Albert Wilson Jr champion 2 5 Stuart Hamps reserve champion 3 Linda Harwood 4 Van Vleck Farms

Yearling Ewes

1 Judy Moore reserve champion Eagle Mich 2 Charles Kirlin Milton Ind 3 Gillespie Sheep Co Fulton Mo 4 Stuart Hamps 5 William Maghes McConnelsville Ohio

Senior Ewe Lambs

1 Price Stock Farm 2 Albert Wilson Jr 3 Steward Ebersole & Son York

Junior Ewe Lambs

1 5 Gillespie Sheep Co champion and supreme champion 2 3 Albert Wilson Jr 4 Van Vleck Farm

CHEVIOT

Yearling Rams

1 Robert & Edith Kelley champion and supreme champion Skowhegan Maine 2 E Spraker & Buster Wilson reserve champion Bath N Y and Rural Retreat Va 3 William N Lawter Russelville Ind 4 Martin Brothers Willard Ohio 5 Calvert Farm Spraggs

Senior Ram Lambs

1 3 Robert & Edith Kelley 2 Martin Brothers

Junior Ram Lambs

1 2 3 Martin Brothers 4 Harris Cheviots Stillwater 5 William Lawter

Yearling Ewes

1 2 Judy Moore 3 5 Robert & Edith Kelley 4 E Spraker & Buster Wilson

Senior Ewe Lambs

1 2 Robert & Edith Kelley

Junior Ewe Lambs

1 4 Judy Moore champion 2 5 Martin Brothers reserve champion 3 William Lawter

SOUTHDOWN

Yearling Rams

1 W G Carpenter & Son champion Jefferson Md 2 The McCrumbs Mars

Senior Ram Lambs

1 2 4 W G Carpenter & Son reserve champion 3 Gale Cole Palmyra Ill

Junior Ram Lambs

1 Gale Cole 2 Price Brothers Mars

Yearling Ewes

1 W G Carpenter & Son reserve champion 2 Don & Debra Hopkins Fulton Mo 3 Allen Bros Southdowns Eaton Rapids Mich 4 McCrumbs 5 Gale Cole

Senior Ewe Lambs

1 2 4 W G Carpenter & Son 3 Gale Cole

Junior Ewe Lambs

1 W G Carpenter & Son champion 2 Dennis Schoenian Clarksville Md 3 Susan Schoenian Clarksville Md 4 5 Jagger Bros Mt Gilead Ohio

CORRIEDALE

Yearling Rams

1 William E Tucker champion Ashland Ohio 2 Jagger Bros reserve champion, 3 Charles McCrae 4 Rodney Wildermuth Canal Winchester Ohio

Senior Ram Lambs

1 2 K&K Corriedale Ashland Ohio 3 Charles McCrae

Junior Ram Lambs

1 Jagger Bros 2 Charles McCrae

Yearling Ewes

1 William E Tucker 2 Rodney Wildermuth 3 Charles McCrae 4 Shamrock Farms Wayland N Y 5 Jagger Bros

Senior Ewe Lambs

1 3 5 Charles McCrae reserve champion 2 4 K&K Corriedales

Junior Ewe Lambs

1 3 K&K Corriedales champion 2 William E Tucker 4 Rodney Wildermuth 5 Charles Mc Crae

SHROPSHIRE

Yearling Rams

1 Kenneth T Moore 2 Don Shepard Charlotte Mich 3 Belmont Farms, Gettysburg 4 Mr & Mrs Ed Beall Germantown Md

Junior Ram Lambs

1 2 Shober & Calvert Farms champion and reserve champion Berlin 3 Don Shepard 4 Wey Shropshires Kutztown 5 Tammy Hopkins North Scituate R I

Yearling Ewes

1 2 Charles & Barbara Platt, Gettysburg 3 Wilmer French Reading Mich 4 Kenneth T Moore 5 Glenn High & Family Lexington Ohio

(Turn to Page A37)

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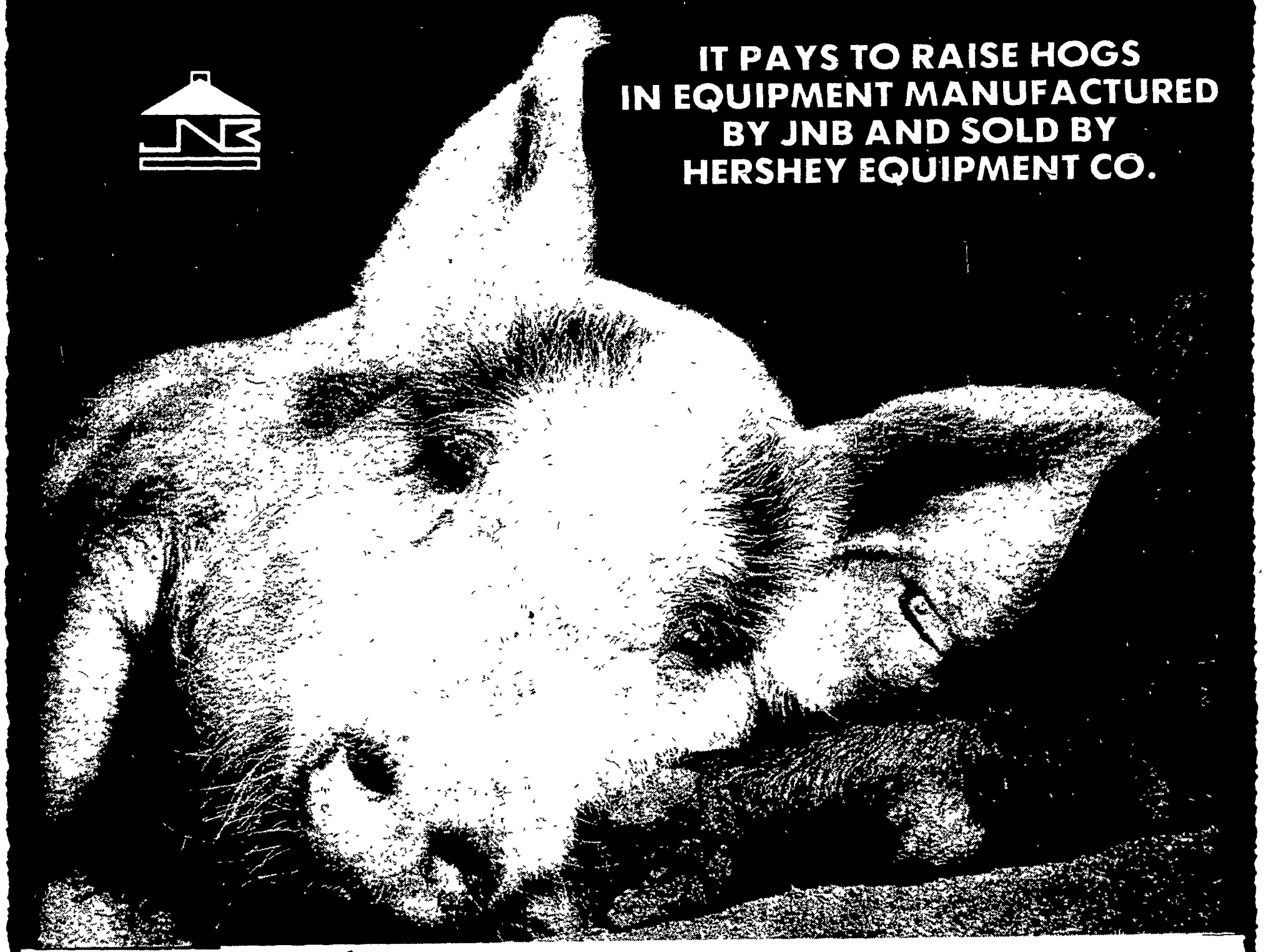

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U.S. Chamber ag director to address Lancaster Ag Council

LANCASTER — E. Clinton "Smokey" Stokes, Director of the Food and Agriculture department of the U.S. Chamber of Commerce will address the Lancaster County Agriculture Council at 7:30 p.m. on Tuesday, July 21, at the Lancaster Chamber office

The Lancaster County Agriculture Council was organized by The Lancaster Chamber of Commerce and Industry to identify and represent key agricultural and business issues impacting of Lancaster County agricultural procedures. The chairman [illegible] president of each agriculture related association located in Lancaster County serves on the Council to represent the issues and programs of interest to their members.

This umbrella organization meets on a quarterly basis and provides a forum for the agricultural community of Lancaster County to receive information on a particular subject or to come together on an issue and motivate their own memberships in support of, or in opposition to, as needed.

Stokes's presentation will focus on the key provisions and current status of the farm bill which is currently being considered in Congress. This bill, which includes provisions on agricultural research, exports, conservation and agricultural commodity - support programs, will determine the direction of federal farm programs for the next four years. Stokes will also briefly overview other pending legislative issues in agriculture, both domestic and international.

Stokes has been a staff specialist on issues related to agriculture, rural and regional development since 1954. His work at the U.S. Chamber brings him in frequent association with members of Congress, officials of the U.S. Department of Agriculture and other executive agencies, with farmers and agri-business leaders and with national trade associations in agriculture and allied industries.

Grain dust emerges as fuel, feed

WASHINGTON, D. C. — Grain dust—difficult, dangerous and expensive to handle—may be put to use in the future.

Small grain particles wear off of corn, wheat, sorghum, soybeans, and other grains as they move through facilities and equipment from farms to final destinations.

Researchers see it as a possible source of fuel, feed, or fertilizer, with its use as a feed ingredient apparently having the most potential in terms of cost and nutrition.

Although little information is available, some feeders are already feeding their cattle, swine, and poultry rations that contain grain dust.

Some sources contend grain dust has 80 percent of the nutritional value of its original source. Estimates show the dust to have a value of $72 per ton when corn is $2.52 a bushel. Although a cost analysis was not made for handling, grain dust likely has more value as a feed than as a fertilizer or fuel in most situations.

Grain dust has been compared to gunpowder because of its explosive characteristics when combined with oxygen. It can be burned under controlled conditions though for heat. A public utility is exploring this possibility. A drawback is the possibility of silica, particularly in soybean dust. Glass created when silica is incinerated causes problems in incineration equipment.

Grain dust as a fuel could be combined with or substituted for coal, but coal, with over 1.7 times the energy per pound as corn dust, is superior as an energy source. Coal is also superior on a cost basis. So, with processing and transportation costs considered, a subsidy of $13.71 per ton would be needed to make grain dust competitive with coal at $38.92 per ton.

Grain dust could also be used to produce fuel alcohol because of its starch content, but again the cost comparison with other feedstocks would be the determining factor.

Spreading dust on cropland poses weed and insect problems, but because of its high organic content it is ideal as a compost for greenhouses and gardens. Costs would have a negative effect here also. Composted products which sold at $4 per hundredweight in the Midwest last year suggest that processed grain dust retail prices would have been $80 a ton.

Most of the retail value is accounted for by wholesaler and retailer margins, transportation, and processing, leaving a small proportion, if any, of the value allocated to the raw product.

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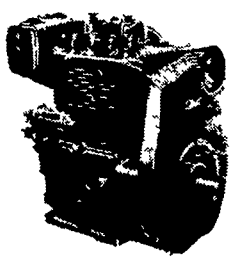

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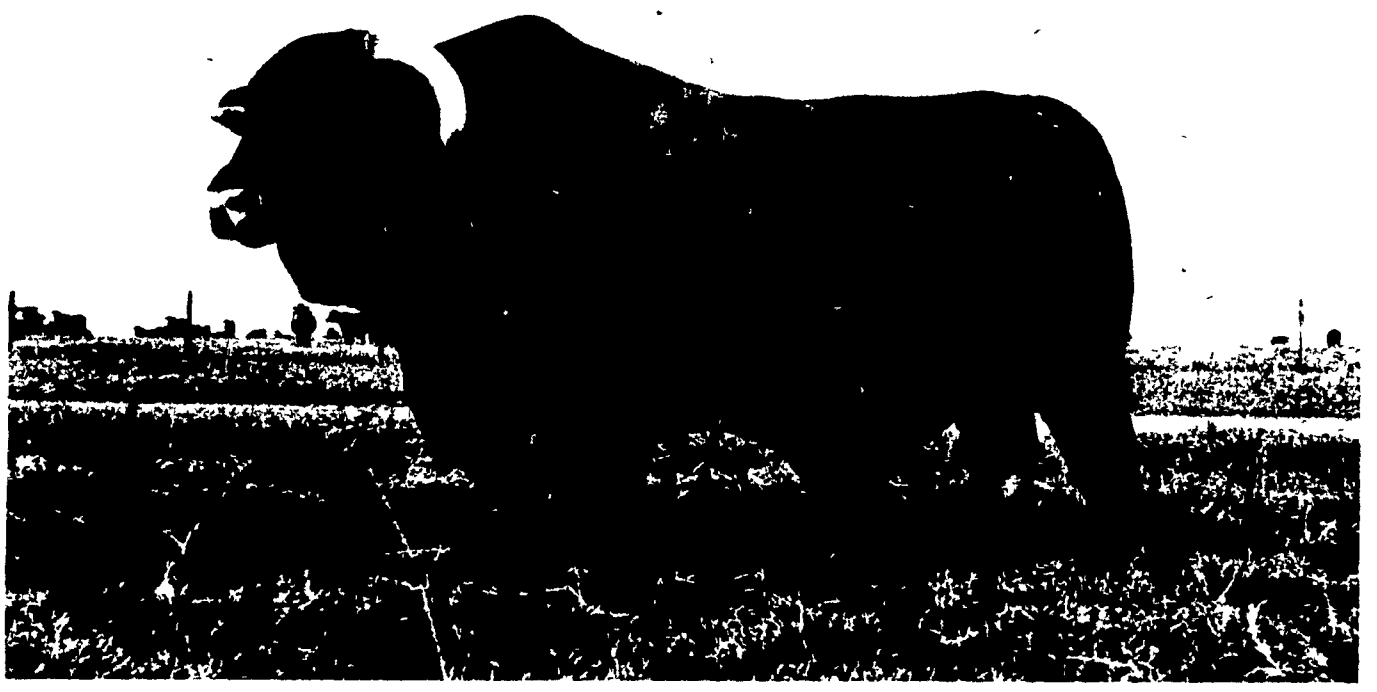

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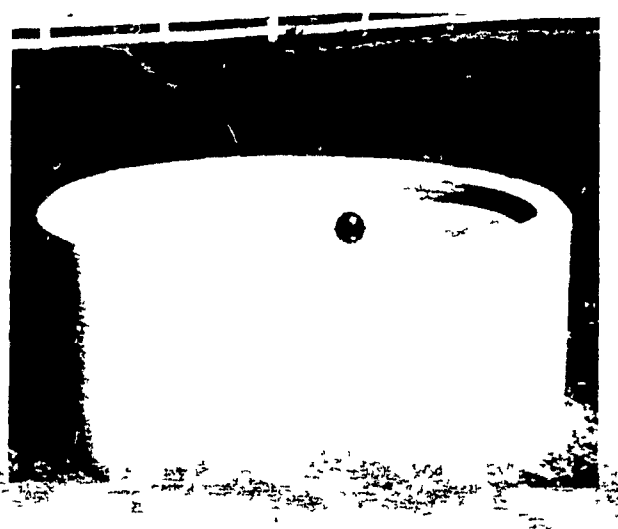

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Sheep Showmen

(Continued from Page A34)

Junior Ewe Lambs
1 Tammy Hopkins champion 2 Donald Shepard reserve champion 3 Kenneth T Moore 4 5 Shober & Calvert Farms

RAMBOUILLET

Yearling Rams
1 Kenneth T Moore champion 2 Dave Clouser Nova Ohio 3 E Richard Eberts Newville

Senior Ram Lambs
1 Dave Clouser reserve champion 2 Kenneth T Moore

Junior Ram Lambs
1 Wesley Exelby Saline Mich 2 Brian Culham Dansville Mich

Yearling Ewes
1 Kenneth T Moore champion 2 Dave Clouser reserve champion 3 Wesley Exelby 4 E Richard Eberts 5 Jerry R Teter Bruceton Mills W V

Senior Ewe Lambs
1 3 Dave Clouser 2 Kenneth T Moore 4 Jerry R Teter

Junior Ewe Lambs
1 Wesley Exelby 2 Dave Clouser 3 4 5 Gretchen Johnson & Family Alliance Ohio

SUFFOLK

Yearling Rams
1 Springdale Farm North Tazewell Va 2 Tim Hall Farmdale Ohio 3 Ocean State Suffolks North Scituate R I 4 Troy A Ness Dallastown 5 Shamrock Farms

Senior Ram Lambs
1 Troy A Ness 2 Jerry R Teter

Junior Ram Lambs
1 Fairview Farms champion Sterling Co 2 Bob & Tootie Monson reserve champion Roxbury Ct 3 Alan Culham Dansville Mich 4 Norm Pensoneau, Belleville Ill 5 Paul H Leader Uprl

Yearling Ewes
1 Alan Culham champion 2 Norman Pen soneau reserve champion 3 Fairview Farms 4 Bob & Tootie Munson 5 Tom & Rick Williams Vienna Ohio

Senior Ewe Lambs
1 2 Paul H Leader

Junior Ewe Lambs
1 Fairview Farms 2 3 Bob & Tootie Munson 4 Blake & Harry Jones North Tazewell Va 5 William Cotterman & Family Thornville Ohio

Gypsy Moth

(Continued from Page A34)

can make fairly accurate projections of the spread of the insect and population levels in specific areas," Bystrak said.

Control efforts to be undertaken next spring will in large measure be based on data collected as a result of the trapping efforts.

Property owners are requested to cooperate with the trapping program by leaving the traps undisturbed until they are picked up. Questions concerning the trapping program can be directed to Bystrak at (301) 269-2957.

This section of Harford County, Maryland, depicts the defoliation caused by damaging gypsy moths—Maryland Farmer photo.

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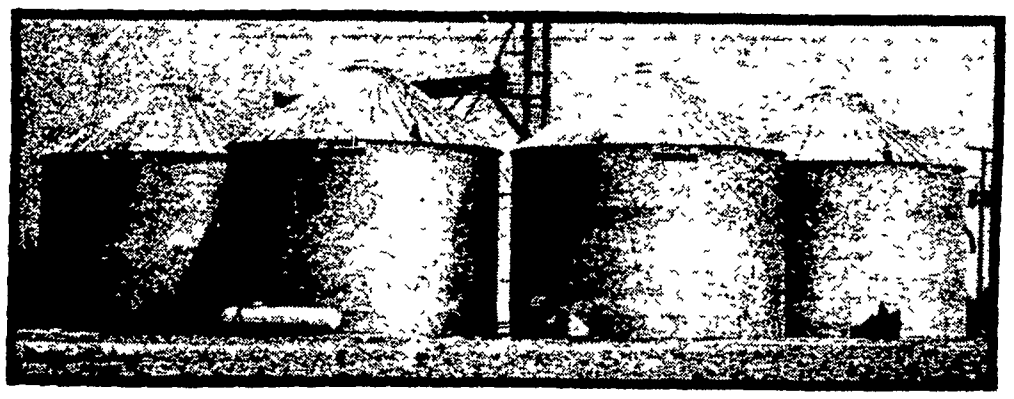

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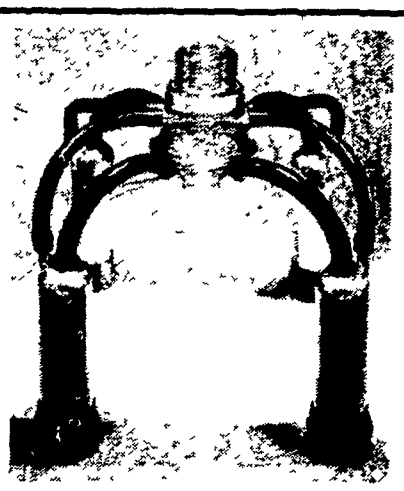

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Adams County twilight meeting

"It pays to advertise," says HFA rep

BY DONNA TOMMELLEO

BONNEAUVILLE — Farm brochures, professional photos and file cards of interested buyers are just some of the tools breeders should use to successfully promote their product — the registered Holstein.

The advice was handed down Tuesday night down by members of the state and national Holstein Association.

Mike Weimer, Clarence Stauffer and Dave Wagner spoke to more than 60 people at the annual meeting of the Adams County Holstein Association, held at the Richard Herr farm near Bonneauville.

Following a tour of the Herr facilities, which included a new free-stall barn, manure lagoon and a total-mixed ration feeding system, the group was treated to an informative lesson ot marketing strategy.

Weimer, state Holstein sales director, explained that effective adverstising can pay oft with increased sales.

He urged the group to check various publications and compare ad styles.

"Jot down what ads you would read," said Weimer. He stressed professional photos are a must and said black and white shots can be just as effective as the more expensive color.

However, if a breeder goes all out with a full color photo, Weimer suggested the ad should be run in a national publication to allow for the greatest exposure.

It was pointed out that breeders should concern themselves with two types ot ads — image and stock for sale.

The image ad should have one main message and highlight a distinctive achievement. If successfully developed, the ad will identify the breeder in the industry.

The stock for sale ad should be designed to generate immediate interest. The ad should include all pertinent pedigree and sire information.

Once a breeder's ad does attract attention, public relations plays a big part. Follow-up calls before and after a sale helps assure buyers they are receiving personal attention.

Weimer explained the size of the ad is important. A breeder will get more exposure with smaller, frequent ads rather than one expensive full-page ad that occassionally appears in publcations.

Clarence Stauffer, national consultant for Eastern Pa., discussed sire summaries and their use. He discouraged the use of a home bull because proofs would be based on only one herd.

He urged the group to check pedigrees on high-selling animals when choosing bulls tor a breeding program.

"You'll soon know what bull you should be using," he said.

Once a breeder selects desired traits, Stautter encouraged the use ot outside help when developing a breeding program.

"Do get some assistance. It'll be money well spent."

National manager of consultation services, Dave Wagner reported on linear-type classification and pedigree content.

The Adams County group is planning an all-day tour of several Maryland dairy farms, July 29. Any interested parties can contact the Adams County Extention Office.

Richard Herr, host of the Adams County Holstein Club's annual meeting, answers questions about his total mixed ration feeding system.

Clarence Stauffer, National Holstein Association representative, tells club members their average semen cost can be one-half of current veal calf prices.

York Jr. Holstein members practice showmanship

BY JOYCE BUPP
Staff Correspondent

EAST BERLIN — Veteran dairy exhibitor Barbara Kilgore led, backed and posed a just-halter-broken calf to outmaneuver all other contenders for the showing championship at York's Junior Holstein fitting - showing workshop on July 15. Host for the annual event was the Rodman Thompson family

A 4-H and FFA member for several years, Barb adds the champion showing ribbon to numerous others she's won in recent years. She's the daughter ot Mr. and Mrs. C. Robert Kilgore, R2 Airville, and president of the junior club which sponsored the practice session.

Reserve champion showman was Bridgette Boyer, in her third year of dairy show ring competition. Bridgette is the daughter ot Mr. and Mrs. Thomas Boyer, York, and topped her intermediate category in show ring skills.

Due to a large number ot members in the beginners age group, the showing competition for the younger exhibitors was split into two classes. Winners were Angela Cooper and Joe Arnold.

Top place fitters were the skilled senior team of Todd Warner and Dana Doll. In second place for the fitting awards were host Roy Thompson and junior member Angela Cooper.

Judge for the dairy show ring skills workshop was Holstein breeder Thomas Dum III, Dumbele Farms, Landisburg.

A list ot winners follows.

Fitting

1. Dana Doll, Todd Warner; 2. Roy Thompson, Angela Cooper; 3. David King, Steve Eisenhart; 4. Amy Shoemaker, Heidi Von Lange, Tim Warner; 5 Joe Arnold, Gary Crowl.

Showmanship
Senior Division

1. Barb Kilgore; 2. David King, 3. Heidi Von Lange, 4. Darryl Rohrbaugh, 5. Gary Crowl;

Intermediate Division

1. Bridgette Boyer; 2. Steve Eisenhart; 3. Todd Stine; 4 Susan Eisenhart, 5. Jana Beth Fantom

Beginners

Group 1. Angela Cooper; 2. Amy Shoemaker; 3. Andi Kauffman; 4. Todd Warner; 5. Denise Godfrey; Group 2. 1. Joe Arnold; 2. Angie Shoemaker; 3. Tim Warner; 4. Paul Rauhauser; 5. Kelly Kilgore.

Barbara Kilgore, second from right, was selected champion showman at York Junior Holstein club's annual fitting workshop, and Bridgette Boyer, second from left, was named the reserve showman. Ribbons were awarded by alternate dairy princess Nancy Eisenhart, and Tom Dum III was official judge for the several categories of competition.

Judge Tom Dum III picked the fitting team of Todd Warner, left, and Dana Doll as the champion fitters at the York Junior Holstein fitting-showing day.

Anterless license applications go to county treasurers

HARRISBURG — Antlerless deer license applications will be received by first class mail by county treasurers, beginning Monday, October 5. The exception will be in Potter County where applications will be received at the following address: The Pennsylvania Game Commission, Post Office Box 482, Coudersport, Pa., 16915.

An agreement reached between the Game Commission and the Potter County Commissioners earlier this year calls for the Commission to supervise and direct the distribution of Potter County licenses from Coudersport. The Commissioners will provide staff and space to assist in the distribution and will receive the usual agent's fee for use by the county.

This arrangement was necessitated as a result of the Potter County treasurer having been removed by the Commission as a hunting license issuing agent in the fall of 1980 for alleged irregularities in the issuance of 1979 antlerless deer licenses. The case is still pending adjudication by the court.

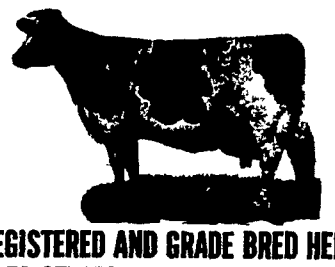
Persons applying for Potter County permits are reminded of the address change which must be corrected on the envelope - and also that checks or money orders must be made payable to the Pennsylvania Game Commission - and not the Potter County treasurer.

BROWN'S 15th ANNUAL HOLSTEIN HEIFER SALE

SATURDAY, AUG. 1, 1981

1 P.M.

Location: 1 mile east of Turbotville, Northumberland Co., Pa., 12 miles northeast of Danville, just off Rt. 54; 6 miles off I-80. Watch for Sale Arrow.



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Balance soon after, bred to a registered sire. Mostly Vacc. 30-day tested, dehorned, preg. checked.

Sires represented: Harrisburg Gay Ideal, Simpsons Burkgov Snowman, Vincent View Molly Chief, Arlinda Jet Stream (3), Hill Haven Standout Job (6), Tidy Burke Transmitter, Woodbine Chief Mohawk, Vigo Charmcross, Will-Tri Frans Legacy, Quality Ultimate, Coldsprings Hamlet, Mowry Prince Valiant, etc.

A Sample of the dams records: 5y 10m 305d 20,075m 4.5% 902f; 6y 2m 305d 20,266m 4.0% 809f; 10y 9m 365d 20,301m 4.0% 808f; 7y 4m 312d 19,263m 4.6% 870f; 8y 5m 358d 18,865m 4.3% 817f; 7y 1m 305d 19,414m 4.1% 787f; 5y 11m 274d 18,671m 3.9% 755f; 3y 11m 305d 18,418m 3.9% 718f; 4y 7m 305d 16,562m 4.5% 738f; 6y 3m 328d 15,522m 4.7% 733f; 6y 4m 315d 17,049m 4.9% 830f; 6y 9m 315d 16,395m 5.0% 819f; 7y 4m 298d 15,551m 4.8% 741f; others over 600 fat.

You are welcome at the Brown's. Heifers with size, condition, dairy quality that you will appreciate. Assembled during the fall months from many top herds.

Trucks available. Catalogs day of sale.

Owners:
LEWIS & RUTH BROWN
Aucts. & Pedigrees
Carl & John Diller
717-464-2233

Good Lunch

AUCTION

OF FARM MACHINERY
MONDAY NIGHT, JULY 27
6:30 P.M.

Rt. 96 2 mi. S. of Waterloo, NY. Having Decided to Discontinue Farming Will Sell the Following:

Tractors: Case 1030 diesel, International A with more, International 460 with loader and chains, JD 30 T. New Idea Uni-system #302 with 3 row corn chopper, Kasten Unloading wagon, Grove self-unloading wagon with 9 ton running gear, Shultz 110 Bu. manure spreader, Big Blue tandem Wh. spreader, JD flail chopper, AC 303 baler with kicker, Fox silo blower with 40' pipe, JD 16' 3 pt. field cultivator, Brady 16' #1680 chopper, Oliver 565 5-16 plow, McCurdy gravity box, 2 wheel trailer; husking bed for New Idea 325 corn picker, JD #38 2 row dropper with pickup head, post hole digger, 18x20 grain bin, field cultivator, 14' cultipacker, wagon running gear, 3 section 12' drag, Stanton feed grinder, 600 gallon Mueller bulk milk tank, DeLaval milk pump with 4 unit, milker New Style with pipe line, Nu-Pulse milker system shop tools, 2 fuel tanks and skids, tool box, drill press, portable air compressor, vice, baler twine, large quantity of bolts with bin, ¾ socket set, power hack saw, electric fencer, air sander, jack stands, cattle oiler, air grease gun, 3 & 5 horse electric motors, Kero Sun heater, chain saw, 1½-5-20 ton Lincoln 225 welder, wheel pullers, 16' Allied grain elevator, chicken equipment, 2 hog feeders, portable generator, Reel rake, numerous more items etc.

Terms: Cash or good check with proper ID. Nothing to be removed until settled for.

Owner
CARL NOLT
Waterloo, NY
315-539-3540

Auctioneers
RONALD PARKER, Sales Manager
Cannandaigua, NY
716-394-3596
HERSHEY I. SENSENIG
Ovid, NY
607-869-9349

PUBLIC SALE

SATURDAY, JULY 25
At Good's Auction
111 North Maple Ave., Leola, PA.
Starting at 10:00 O'Clock

Truck Load of Groceries, Pineapples, Two Ton of Cheese, 200 gal. Wall Paint, 45 Gal. Black Rustoleum, Large Lot Foam Rubber in Rolls and Sheets.

1,000 Pieces Paneling, 75 Roof Trusses, Aluminum Siding, Cedar Siding, Flooring 1x8 T&G.

Two Truck Loads Used Lumber, Two Trailer Loads Plywood Tex 11, 150 P ¼ Plywood, 100 Door Locks with Keys, Some Panic Bar Latches.

400P Insulation, Mostly 4x8, 200P Birch Plywood, Appr. 70 Windows, Crestline Alu. Sliders & Double Hung, Bay Window.

25 Steer Doors, Some Pre-Hung, Some with Windows, 700P 2-x4-1, 6-7-8-10-12-16 Penny Nails, Root Shingles, Ungelene Roof!

David H. Good
Leola, PA
111 North Maple

BERKS COUNTY SALE
THURSDAY NIGHT, JULY 30
7:30 P.M.

Sale facilities behind Fairgrounds Mall just off Route 222 east of Reading, Pa. (Old Reading Fairgrounds).

50 CAREFULLY SELECTED REGISTERED HOLSTEINS

Sires include Elevation, Astronaut, Conductor, Jet Stream, Jerry, Ivanhoe Star, Persuader, and other popular A.I. sires.

23 COWS and 27 BRED HEIFERS

Majority due in August and September

13 daughters sell from dams with 20,000 to 27,000 Milk.

12 daughters sell from dams with 18,000 to 20,000 Milk.

Many sell from Very Good Dams
T.B. and Blood tested for Interstate Shipment
Catalogs Available

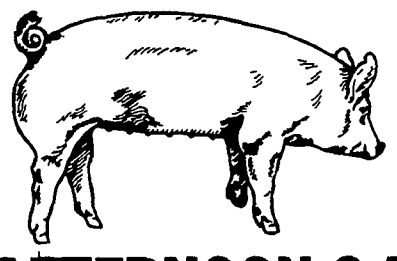
Sale Sponsored By,
BERKS COUNTY HOLSTEIN CLUB

JOIN US FOR A BUFFET WEDNESDAY EVENING, JULY 29 at 7:30 P.M. AT THE SALE BARN

Sale Managed By,
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Phone: 301-473-8214

PA Yorkshire Co-op Ass'n., Inc. Show & Sale

Bred Gilts Open Gilts Boars



FRIDAY AFTERNOON & EVENING

Show 1:00 P.M. **JULY 31, 1981** Sale 7:00 P.M.

Held at the Lebanon Area Fairgrounds (Cornwell & Evergreen Rds., 1½ mile south of)

LEBANON, PA 17042
Ph: Sale Barn 717-274-9953

25 Bred Gilts Selling **30 Open Gilts**

10 Boars

Calendar of Events

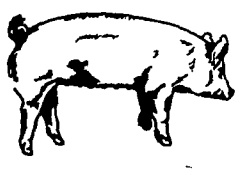
10:30 A.M. - Live Evaluation Contest
(Public is Invited)
12:30 P.M. - Educational Program
1:00 P.M. - Shop of breeding stock judged by Melvin Huber
7:00 P.M. - Sale of breeding animals.

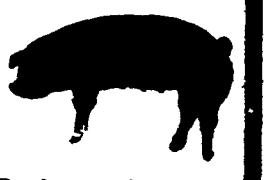
Harry Bachman, Auctioneer
Catalogs Available by request only

Lawrence, Leon and Thomas Arnold
19th PRODUCTION

SALE
OF

Yorkshires Durocs





AUCTIONEER, Harry Bachman, Annville, Pa.

50 BRED GILTS
40 BOARS
OPEN GILTS
FRIDAY EVE., AUGUST 21
6:00 P.M.
SALE TO BE HELD AT THE
Lebanon Area Fairgrounds
(Cornwall & Evergreen Roads, 1½ Miles South of)
Lebanon, PA
CATALOGUE AVAILABLE AUG. 10
LEON L. ARNOLD, R.D. 7, BOX 705
LEBANON, PA 17042
OR CALL 717-273-5880
Next Sale Nov. 6

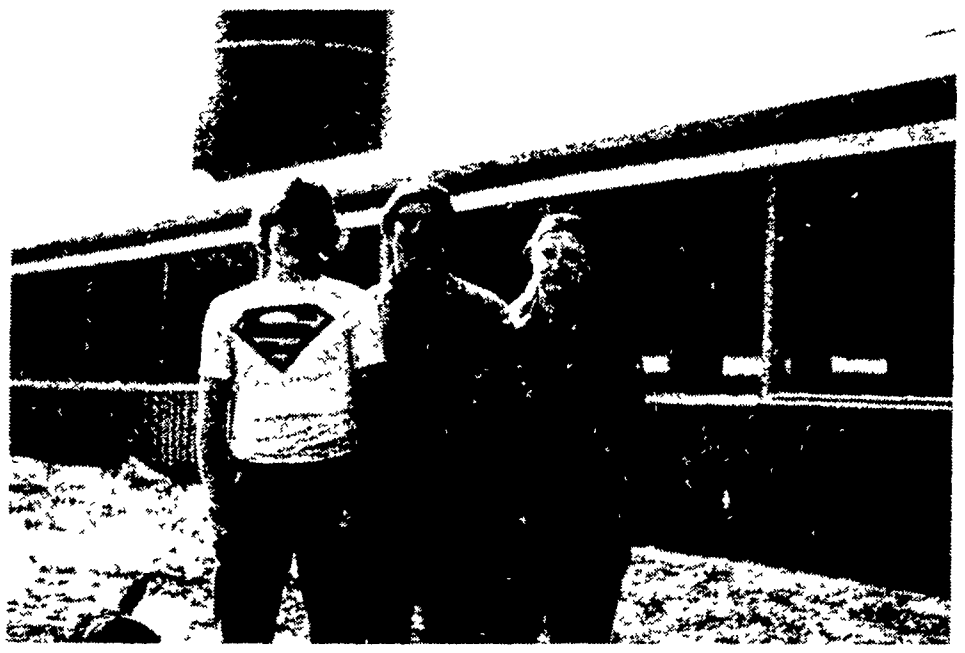
STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

"HARVESTORE® HIGH MOISTURE CORN PUTS MORE MEAT ON MY HOGS IN THE SAME AMOUNT OF TIME COMPARED TO DRY CORN."

Gerald P. Faust
Kempton, PA

Faust Farm



Family Farmers: Son Daniel, Gerald, wife Alice.

When asked what he liked about High Moisture Corn, Gerry's reply was, "I put more meat on the hogs in the same amount of time compared to dry corn. My hogs eat more High Moisture Corn than dry corn and finish out faster! We are marketing our hogs 10 to 15 lbs. heavier in the same length of time with High Moisture Corn."

"In February," says Gerry and his wife, "the local mill that we deal with was selling dry shelled corn for $4.05/bu. on a dry basis. I purchased my High Moisture Corn in October for $3.70/bu."

"When I switched to HARVESTORE, I substituted High Moisture Corn pound for pound with the dry corn that I was feeding," says Gerry.

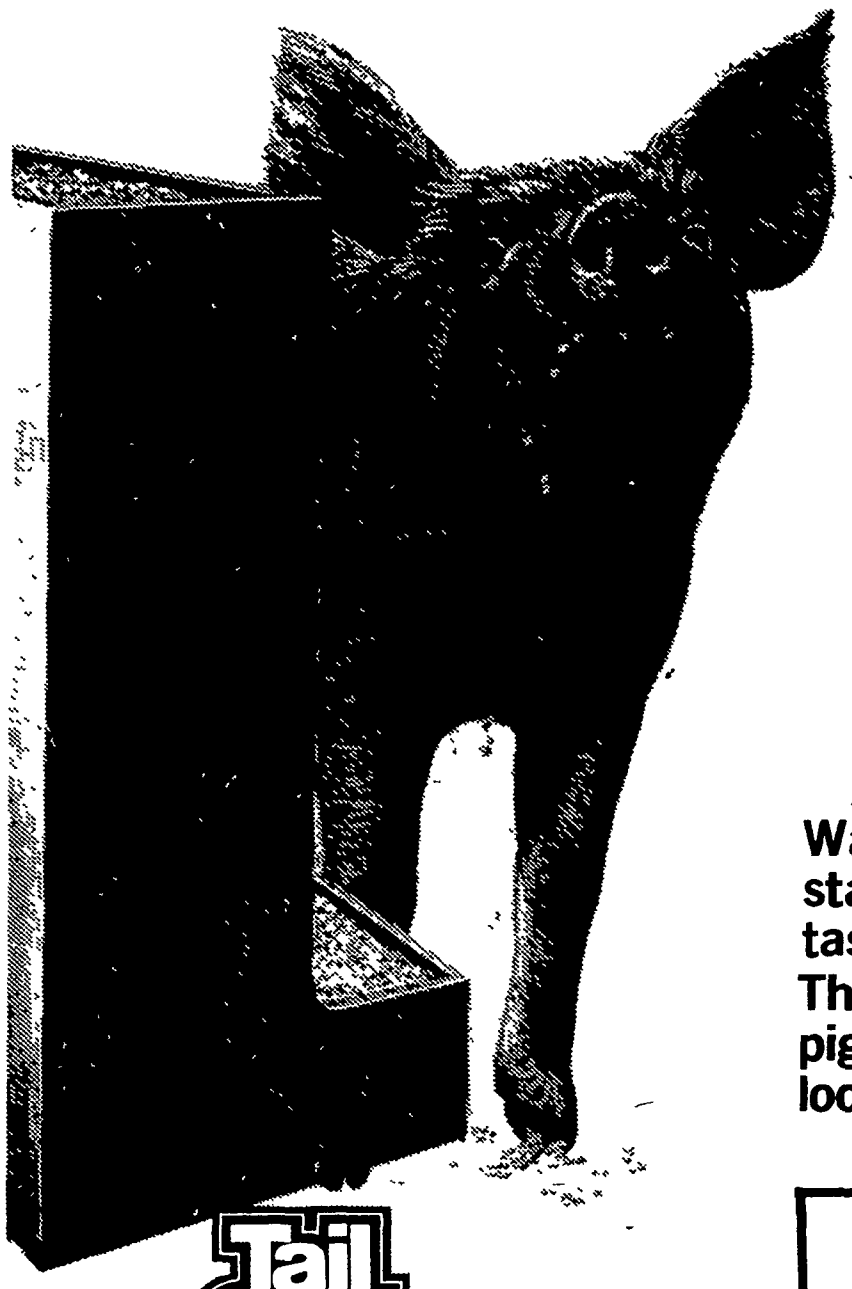
"My hog operation is farrow to finish," explains Gerry. "The average hog goes to market in 5½ months. On my dry corn feeding program, the hogs averaged between 190-195 pounds going to market. Now with HARVESTORE High Moisture Corn, my hogs are averaging 210 pounds in the same amount of time."

Gerald's Automated Feed Center.

More Meat In Less Time! Most Hogs Go To Market In 5½ Months.

HOGS ARE BEAUTIFUL FOR HARVESTORE OWNERS!

Penn-Jersey HARVESTORE® Systems, Inc.
P.O. BOX 7
NEW HOLLAND, PA 17557 PH: 717-354-4051



"I love em"

And we'll bet your pigs'll love them too! Wayne® Tail Curler Rockets® baby pig starter has a tantalizing aroma and good taste. And there's no looseness problem. The Krums® form is very palatable to little pigs. They like the size and texture. Just look at these test results:

RESULTS OF WAYNE® RESEARCH TRIALS*
10.3% FASTER GAINS
5.2% BETTER FEED CONVERSION
4 TO 1 PALATABILITY PREFERENCE
*Comparisons made with previous Wayne Pre-Starter Formula

Tail Curler Rockets contain 18% crude protein with added lysine and fiber. A great combination for superior performance without a looseness problem. Added fat improves palatability and energy content. And Wayne's exclusive Boost 'N Iron™ product helps give pigs additional nutrition for better growth and health.

See us today for Tail Curler Rockets, the only pre-starter you need to get pigs to 30 lbs. in record time.

WAYNE FEEDS ®
WAYNE ANIMAL HEALTH AIDS

Continental Grain Co.
Chicago, IL 60606

PARTICIPATING DEALERS

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830 Maple Street
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NOLTS MILL
Witmer, PA 17585 717-393-1369

VAN - MAR FEEDS, INC.
West on Miller St.
Shoemakersville, PA 215-926-2121

WHITE OAK MILL
R5, Manheim, PA 17545 717-665-2288

MOYER & SON, INC.
113 E. Reliance Road
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WALKER CO.
Gap, PA 717-442-4169

MANOR FARM SERVICE
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JAMES BALMER
Wholesale Specialty Feed Distributor
Manheim, PA 717-665-2011

POWL'S FEED SERVICE
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ANDERSON BROS.
New Park, PA 17352 717-382-4472

W. L. MUMMERT CO.
High & Pine Streets
Hanover, PA 17331 717-637-6923

BATZ FEED & SUPPLY
R1, Richland, PA 17087 717-933-8168

Farm Business News

Hedging leaflet for hog operators

LANCASTER — To help farmers determine their costs of fattening hogs, Trade Tech Management, Inc. has published a leaflet entitled "Tractors, Combines, and Commodities Hedging–Tools of the Farming Trade." The leaflet also suggests when a hedge should be placed in the futures market to protect profit.

In this leaflet, the registered commodities advisors list a few cost figures from their own hogs produced on local farms last year. In addition, a graph shows when they placed their commodities hedge and the profit margin locked in. Trade Tech's president, David K. Sauder believes farmers need to use the commodities hedge as a necessary tool in these times of excessive price fluctuations.

To obtain this free leaflet, farmers may call (717) 898-0139. Or they may write to Trade Tech Management, Inc., 1020 Stony Battery Road, Lancaster, Pa. 17601.

MF creates electronic unit

DES MOINES, Iowa — Massey-Ferguson is forming its own pool of electronic expertise, the Central Electronics Group.

This group will enable Massey to accelerate its advance into electronics systems, according to Ralph Ramsay, Massey-Ferguson Limited's engineering vice president.

"By establishing the Central Electronics Group, we are making a major commitment to a new technology. Our innovations will ensure that MF's new competitive position and that of its dealers is enhanced, "Mr. Ramsay states.

"To accomplish this, we will introduce electronics systems to make agricultural and industrial machinery use more efficient and simpler for owners and operators," Ramsay explains.

In addition to direct product applications, the new MF group will also emphasize electronics technology in computer-aided design, production equipment and product testing to reduce costs and improve quality and reliability.

Farm Credit opening

An open house was held Friday, July 10, for the new office of the Federal Land Bank Association of Lancaster and Lancaster Production Credit Association at 119 S. Custer Ave., New Holland. Participating, from the left, are Joe Stauffer, loan officer; Tammy Sensenig, secretary; Andy Terrell, branch manager; Charles Schreiber Jr., senior loan officer; and, rear, Gail McDonald, office assistant; and David Ketner, field representative.

Corn breeders seek energy-efficient hybrids

BLOOMINGTON, IL. — Behind the scenes, corn plant breeders have been working on improving energy efficiency. Through careful genetic manipulation, they've developed hybrids that utilize available sunlight better than their predecessors, perform better in minimum tilled fields, require less energy and water for growth, and dry quickly in the field.

Also, resulting are higher yields from hybrids that convert energy from the sun more efficiently into well-filled ears, stronger stalks, and more expansive root systems.

Researchers promise even better energy efficiency in the future as hybrids are selected for a number of energy-efficient characteristics, says Steve Eberhart, Vice President of Research at Funk Seeds International. One such characteristic is improved cold tolerance.

"Cold tolerance enables growers to plant earlier, so corn flowers earlier in the season," Eberhart says.

"That not only gives corn a longer grain-filling period, it also means grain-fill will occur during the long summer days of late June and early July, when solar energy is at its maximum."

Cold tolerance takes on increasing importance as more and more farmers utilize minimum tillage.

"Trash left on the ground keeps soil temperatures cooler," he says, "so hybrids must have the cold tolerance to emerge as well as corn planted in soil that has been moldboard plowed."

Hybrids with erect upper leaves are becoming more popular as plant breeders search for ways to maximize available sunlight. Because erect leaf types allow more sunlight to reach lower leaves, more leaf surface area is exposed to the sun, increasing photosynthetic activity.

And plant tolerance to herbicides has taken on new importance with the advent of minimum tillage practices that reduce the need for cultivation, Eberhart says.

"Growers must now select their hybrids for tolerance to herbicides used under varying environmental conditions," he adds.

Certain physical characteristics of the plant reduce the amount of money spent on fuel for grain drying. "Husks that loosen up as grain matures allow moisture to escape more easily," Eberhart says. "There is also speculation that a thin 'pericap' (the seed coat of a kernel) may enhance faster drydown.

"Stalk strength is very important, too," he continues. "A hybrid with strong stalks is better able to dry naturally, since it will stand in the field for a longer period of time." How effectively a hybrid uses costly nitrogen is also a major consideration. "There is a big difference among hybrids in their ability to translocate nitrogen," says Eberhart. "When Funk plant breeders make inbred selections, they eliminate luxuriant feeders that require large amounts of nitrogen for high yields. An extensive root system is also necessary for the plant to be able to pick up nitrogen deep in the soil.

"By breeding from a broad genetic base, we're able to select for more desirable characteristics at one time and combine them into one energy-efficient hybrid," Eberhart says.

The bottom line for growers is higher yield and a corn crop that is less expensive to produce.

WHAT'S NEW

A new trailer hitch ball from MGS Inc., features a built-in alarm to guard against theft or uncoupling.

Trailer hitch has built-in alarm

DENVER, Pa. — A new trailer hitch ball that sounds your automobile horn if the hitch coupling begins to come loose on the road also prevents theft of the trailer off the road.

SAF-T-BALL, developed by MGS Inc., Denver, features a patented electrical system concealed within the ball. The device is wired through the car's battery to the horn, so that the horn sounds if the coupling becomes loose, if the trailer is removed from it, or if the wires are cut. It can also be rewired to a separate battery and horn or siren. Either way, the alarm system can be deactivated only by throwing a switch, which the manufacturer suggests be located in the car's trunk or in the passenger compartment of a pickup truck or station wagon.

Designed primarily to provide safe towing of campers, boat trailers and utility trailers, the SAF-T-BALL can be used with any trailer and any socket coupling of the correct size. The SAF-T-BALL is currently available in 1 7/8" and 2" models.

Installation time for the do-it-yourselfer is estimated at 30 to 45 minutes. Wiring can be located beneath or through the automobile.

The manufacturer emphasizes that the ball does not interfere with any of the vehicle's other safety devices.

Information on SAF-T-BALL, which will be sold via direct mail and through trailer dealers, is available from MGS INC., RD #3, DENVER, PA 17517

Electric brad nailer saves time

The new electric brad nailer introduced by Black & Decker Inc. is designed to save time and energy in a broad range of farm construction and maintenance projects.

Black & Decker's first electric brad nailer drives 1" to 1¼" brads with push-button ease. The nailer is ideal for fast construction of storage sheds, bins, fencing and shelves and for general building maintenance. The unit's specially designed V-base protects fine wood finishes and other surfaces from scratching or marring and is perfect for the nailing of grooved paneling and corners.

The electric brad nailer has an automatic interlock switch to prevent accidential use. Brad nails load rapidly in the back end and are driven through a unique quick-release front end.

Among the many projects easily handled by the electric nailer is the installation of paneling. The unit can countersink or drive colored brad nails flush for uniform appearance. The nailer also puts an end to hammer-marred surfaces when molding is being installed.

The electric brad nailer is also handy for repairing loose joints in furniture quickly and precisely and for easily nailing dowels and decorative pieces into place.

The new electric brad nailer from Black & Decker drives 1-1¼ inch brads and features solid state circuitry for maximum power.

BUY A JOHN DEERE TRACTOR NOW AND SAVE ON FINANCE CHARGES. OR LEASE NOW AND YOUR PAYMENTS WILL BE DISCOUNTED 10%!

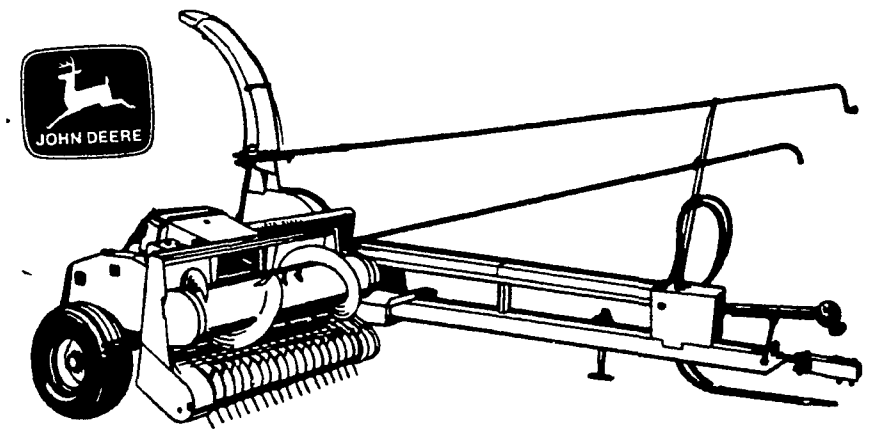
Buy a new John Deere 40- to 275-hp tractor before July 31, 1981, and no finance charges will accrue until March 1, 1982. This same offer applies to all used tractors and new John Deere and used implements sold with the tractor.

If you've considered leasing a tractor, now is the time. Lease payments on new John Deere tractors and implements leased with the tractor will be discounted 10 percent.

Stop in and see us soon. We can help your equipment dollars do more.

BUY HAY EQUIPMENT NOW.

PAY NO FINANCE CHARGES UNTIL JANUARY 1, 1982



Now's the time to buy the new or used haying equipment you need. Rectangular or round balers, mower/conditioners, windrowers and forage harvesters are all included in this money-saving program. Buy the equipment now and put it to work in your fields. Or lease now and take advantage of discounted lease payments. Stop in soon and make your deal. This special offer ends August 31, 1981.

A.B.C. GROFF, INC.
New Holland, PA
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ADAMSTOWN EQUIPMENT INC.
Mohnton R D 2, PA
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CHAPMAN EQUIPMENT CENTER
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Nothing runs like a Deere®

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TOBIAS EQUIPMENT CO., INC.
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WENGER IMPLEMENT, INC.
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WOODHULL EQUIPMENT, INC.
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SMITH'S IMPLEMENTS, INC.
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DON CHESKE BROTHERS, INC.
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PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
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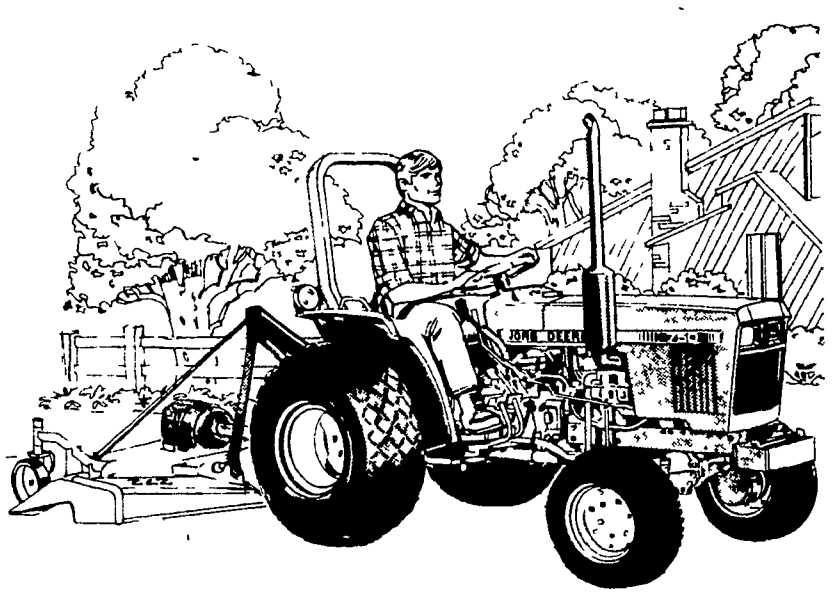
JOHN DEERE COMPACT UTILITY DIESEL TRACTORS

CUT IT ANY WAY YOU LIKE



Capacity-matched mowers give these Task-Master™ Tractors the versatility you need to handle a variety of mowing jobs

Roadsides, municipal parks, schoolyards. .wherever there's a mowing job to do, the John Deere 650, 750, 850, 950 and 1050 stand ready.

With diesel engines (14.5, 18, 22, 27 and 33 PTO hp, respectively*) and five mower options, these tractors can handle most grounds maintenance jobs.

Mid-mounted mowers are ideal for grooming parks, airports, shopping centers and large estates. Cutting width is 5 or 6 feet, depending on model Gauge wheels help prevent scalping

Rotary cutters work wonders around buildings and along roadsides Pick a model with 4½-, 5- or 6-foot cutting width

The flail mower (for 850, 950 and 1050 Tractors) cuts through dense growth quickly. It has a 6½-foot cutting width and an adjustable cutting height of ½ to 5 inches

The new rear-mounted grooming mower mows a 6-foot swath. Cutting height adjusts from 1½ to 5 inches.

A 7-foot sicklebar mower (for 850, 950 and 1050) is also available It's great for trimming ditches and inclines.

See us soon for a compact utility diesel tractor and capacity-matched mower. We also have implements for landscaping, farming and utility work.

★ **Maximum PTO hp at 2600 engine rpm for the 650 and 850. 2400 engine rpm for the 750, 950 and 1050. All ratings by official test, except for the 650 and 750, which are factory observed.**

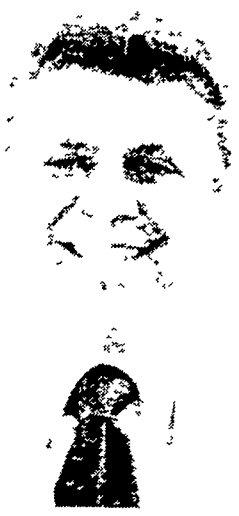
Farm Business News

Bio-Lab names outlet

DECATUR, GA — Melhorn Sales and Service of Mt Joy, will now handle the Bio-Lab line of Poultry and Swine Sanitation Products Melhorn is a sales outlet for DeKalb Ag Research of Sycamore, IL.

The appointment makes available locally, Bio-Lab poultry and swine care products to producers in the Southeastern Pennsylvania and adjoining Maryland markets Melhorn Sales Reps who will service this area include Clay Mumma, David Fahs, and Frank Morton

Melhorn Sales and Service is located at 40 Donegal Springs Road, Mt Joy, PA 17551



George Jakovich has been named Manager of Pennsylvania Operations for Dairylea Cooperative, Inc. He will be based in Scranton.

Md. gets tobacco grant

UPPER MARLBORO, MD. — The R.J. Reynolds Tobacco Company of Winston-Salem, N.C., recently presented the Maryland Agricultural Experiment Station with an $18,500 check for tobacco production research by University of Maryland faculty members in the agronomy and agricultural engineering departments. A similar $5,000 check was presented earlier this year.

Money from both grants will be used to continue development of improved Maryland varieties and the curing of prime Maryland tobacco. Funds will also be used for studies of baled Maryland tobacco, including moisture-level effects

Arnold R. Mitchem, agricultural research coordinator for Reynolds Tobacco, presented the $18,500 check during an informal ceremony at the University of Maryland's tobacco research farm near Upper Marlboro (Prince Georges county).

State studies crop outlook

HARRISBURG — Based on July 1 conditions, Pennsylvania farmers will produce more corn for grain, winter wheat, oats, barley, tart cherries, and pears this year, according to the Pennsylvania Crop Reporting Service There will be decreased production of rye, apples, peaches, and sweet cherries.

Pennsylvania's corn for grain crop is estimated at 123.7 million bushels, compared with 96.0 million bushels last year. Yield is forecast at 93.0 bushels per acre compared with 75.0 bushels the previous year Area to be harvested for grain is estimated at 1,330,000 acres.

Winter wheat production is estimated at 10.3 million bushels, up 11 percent from a year ago. Acres for harvest as grain is set at 270,000 Oats production is expected to total 19.6 million bushels, up three percent from a year ago with 350,000 acres to be harvested.

Barley production in Pennsylvania is estimated at 4.4 million bushels, up 17 percent from a year ago with 81,000 acres to be harvested. The state's rye crop at 352,000 bushels, is down 19 percent with 11,000 acres for harvest for grain The July 1 pasture condition for the Commonwealth is rated 93 percent, seven points above last year.

Sweet and tart cherry crops are forecast at 400 tons and eight million pounds, respectively. Pear production is estimated at 3,800 tons, up nine percent from a year ago. Apple production is estimated at 450 million pounds, down 21 percent from a year ago. Peach production is estimated at 65 million pounds, down 38 percent from a year ago.

National winter wheat production is forecast at a record high 2.09 billion bushels, up 11 percent from the 1980 crop. Corn production is forecast at 7.12 billion bushels, up seven percent from last year. This will be the third largest crop on record, exceeded only by the 1978 and 1979 crops.

U.S. oats production is forecast at 528 million bushels, 15 percent above the 1980 production, while barley production is forecast at 478 million bushels, up 33 percent from last year's production. Apple production is forecast at 8 06 billion pounds, nine percent below last year's record high crop and one percent below 1979.

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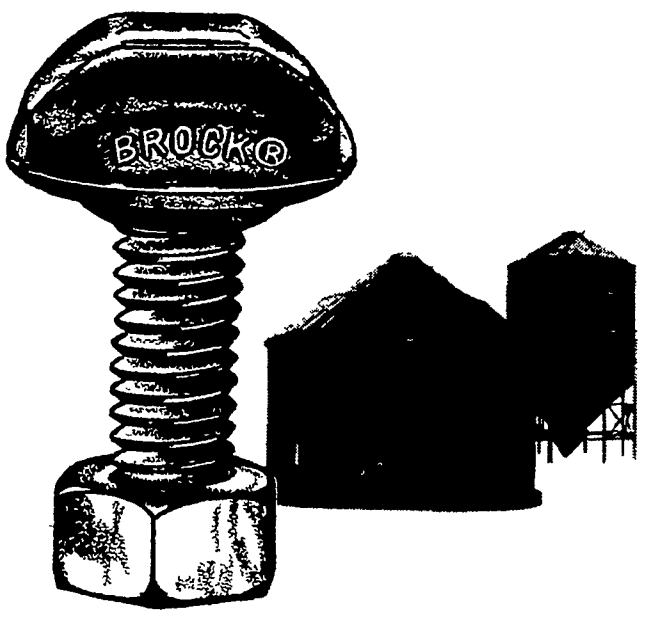

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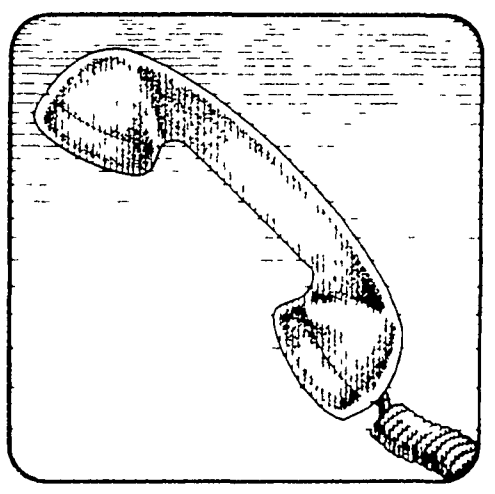

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UNIVERSITY PARK — With plenty of rain and good growing weather, home canners should be able to preserve a bumper crop of produce.

Each year Louise Hamilton, Extension foods and nutrition specialist at The Pennsylvania State University, is asked how to properly can tomatoes, how best to freeze corn (on or off the cob), and numerous other requests on how to safely and properly preserve foods.

The author of Penn State's Correspondence Course on CANNING, FREEZING, AND FOOD PRESERVATION gives this information and more on the correct methods and procedures to use to get good quality products.

Boiling water bath and pressure canner directions, as well as how to freeze fruits, vegetables, meats, and prepared foods are included. Added bonus to more adventuresome homemakers are for drying, how to build a dryer, and storing foods, jellies, jams, and preserves, and pickles.

To order your copy of this 9-lesson course, send $8.25, plus 75 cents handling to CANNING, Box 5000, University Park, PA, 16802. Make check payable to PENN STATE.

The course is not only designed for the reader who wants to complete question papers and return them to Penn State for a completion certificate, but also for the consumer who wants a valuable reference guide.

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THE PROBLEM

When the temperature goes up, one of the first ways your body reacts is by breaking out in perspiration. That's nature's way of cooling off.

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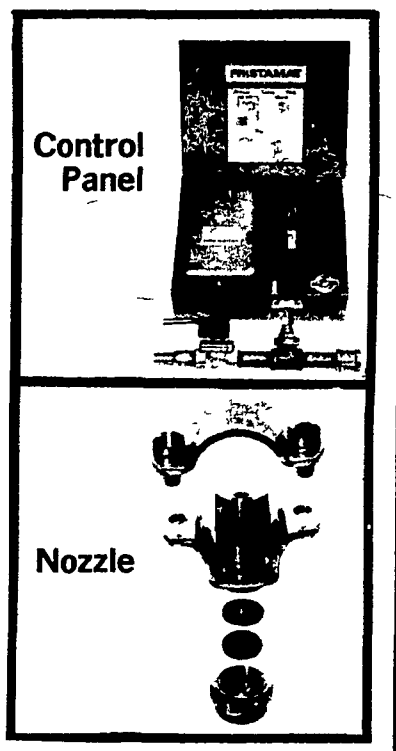
THE SOLUTION:

When the temperature is above 72° F even ventilation can't cure the stress that results. But a sprinkler cooling system can help your hogs where nature fell short, giving them a chance to cool off. It sprays them with coarse water droplets to reduce their body temperature. The idea is simple, but extremely effective.

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour. (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted.



The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen. Each nozzel covers a 5-6 foot diameter area which usually means one nozzle per pen. The nozzle assures a coarse droplet spray pattern which is important for maximum cooling. A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per ½ hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	1 62	1 72
Average daily feed consumption per hog	5 84	6 77	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save/hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results

* These figures are calculated on hogs from 100 lbs up to 200 lbs

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Suggested Readings

Electrical tips for everyone

UNIVERSITY PARK — Being "almost right" is not enough when dealing with electricity. An electrical installation is either right or wrong.

With the extra demand for electrical energy in summer, can you be sure that your home is adequately wired? You may have trouble brewing if fuses blow or trip; lights dim when an appliance is used; or, if the television screen shrinks or jumps when an appliance is turned on.

In these days of do-it-yourself projects, Penn State offers information, in the form of a correspondence course, that may help you avert trouble in your home.

The course titled, ELECTRICAL TIPS FOR EVERYONE, covers diagnosis and solutions to many electrical problems in the home. It details how to install light fixtures, outlets and switches, and methods to use for testing fuses, circuits, cords, and appliances.

This well-illustrated, 10-lesson course describes procedures and gives examples of do-it-yourself jobs and others that require professional help. Outside and inside wiring, eliminating shock hazards, repairing electrical motors, and avoiding an electrical crisis in your home are discussed.

Consumers who are interested in reducing their electric bills will find helpful the section on how to determine if you are paying a reasonable amount for the electricity used each month.

You can get a complete copy of the course on electricity by sending $8.25 plus $1 handling to ELECTRICITY, Box 5000, University Park, PA, 16801. Make check payable to PENN STATE. State the booklet you are requesting.

Protecting high quality streams

HARRISBURG — "Local Protection of High Quality Streams," the latest in a series of Environmental Planning Information Reports, is available from the Pennsylvania Department of Environmental Resources.

The publication, sixth in the series, was prepared by DER's Bureau of Environment Planning and is intended primarily for local government officials, planning commission members and individuals concerned with the protection of high quality streams in the Commonwealth.

The 80-page booklet outlines actions that can be taken by local and county governments and citizens to help protect high quality streams throughout the Commonwealth. It will help communities plan and manage wisely a valuable asset and avoid the expense of damaging an environmental feature—high quality and exceptional value waters.

The publication:

—Contains background information about federal and state programs for protecting high quality streams.

—Describes the importance and problems of such streams in the Commonwealth.

—Outlines techniques which local governments can use to help protect streams.

—Provides case studies of efforts by municipalities and organizations to put protection programs into action.

Copies of the publication are available from: Department of Environmental Resources, Bureau of Environmental Planning, Division of Planning Assistance, Box 2357, Room 819, Executive House, Harrisburg, Pa., 17120.

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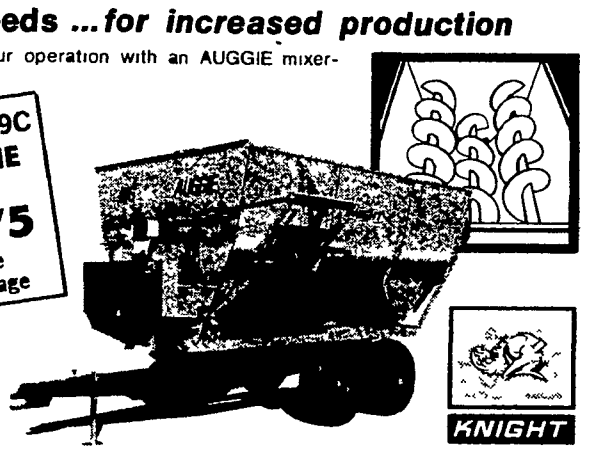

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New FCIC insurance covers more crops

WASHINGTON, D.C. — Faced with an ever-rising ante for production costs, farmers now stand to lose more than ever if natural disaster strikes their crops.

With last summer's severe drought well in mind, many farmers may look into new insurance options provided for virtually all crops this year by the Federal Crop Insurance Act of 1980.

Federal crop insurance has been around about four decades. But until now, it wasn't available in many parts of the country, and often farmers had to rely on an array of disaster relief and loan programs when drought, hail, pests, disease, and other calamities struck.

The new program will protect crops when ASCS disaster payments are phased out after the 1981 harvest. Subsidized crop insurance will then replace the complex system of disaster payments and emergency loans that has built up over the years, explains USDA economist Clayton Ogg.

Program changes will provide more protection through higher yield and dollar guarantees. They also provide much greater flexibility. Farmers can tailor coverage to individual financial situations, change policies from year to year as risk management needs change and receive insurance guarantees based on individual yield history.

A major attraction of federal crop insurance is that the Government pays 30 percent of the premium price with the subsidy covering up to 65 percent of established yields.

When the 1980 Act was written, only 1,626 of the nation's roughly 3,000 counties had crop insurance, Ogg notes. Half of them had insurance for wheat, and many insured corn, soybeans, cotton, tobacco, and various other crops.

Originally, 250 counties were to be added annually until all counties were covered. However, this spring the Secretary of Agriculture announced that by 1982 insurance will be available in all counties where the six crops currently eligible for disaster payments are grown: wheat, cotton, grain sorghum, rice, corn, and barley.

The insurance can be purchased from private insurance agents, banks, production credit associations, and county ASCS offices, as well as from local offices of the Federal Crop Insurance Corporation.

Although deadlines for obtaining coverage for spring crops are past—deadlines vary with crops, regions, and seasons—there's still time to buy protection for many fall crops in most areas. Producers can find out deadlines from local sources of the new insurance.

Farmers can choose to cover 50, 65, or 75 percent of their normal yield, Ogg says. They can then select from a range of three guaranteed prices, with the highest insured price set within 90 percent of the projected market price.

Although the 75-percent coverage of the full projected price is available, the 30 percent discount off the premium price covers only the first 65 percent of the guaranteed yield. Producers less in need of protection can select smaller amounts of coverage that cost only a fraction of the higher options.

This year, eligible producers can still receive ASCS disaster payments along with crop insurance—without the 30 percent discount off the premium—if they participate in farm programs for wheat, cotton, grain sorghum, corn, rice, or barley.

Premium payments and program features vary among counties and crops. As an example, let's look at the protection a farm in an Iowa county can get on its corn and soybean crops this year.

Let's say the fictitious farmer chooses 75-percent coverage for 200 acres of corn and 100 acres of soybeans. Let's assume also that

- The average corn yield is 110 bushels, according to FCIC records.
- The 75-percent yield guarantee at $2.70 a bushel means a subsidized premium of $9 90 an acre for corn.
- The average soybean yield is 30 bushels per acre.
- The soybean price guarantee chosen is $7 a bushel, which costs $8.50 an acre for the premium.

Now let's assume that severe drought reduces the 1981 corn yield to 20 bushels per acre and soybean yield to 10 bushels. Payment for the damaged corn crop under the subsidized Federal Crop Insurance Program is calculated as follows.

1) 75 percent of the 110 bushel average yield = 82.5 bushels

2) 82.5 bushels (guarantee)-20 bushels (production) = 62.5 bushel loss

3) 62.5 bushels x $2 75 = $168.75 per acre

4) $168 75 x 200 acres = $33,750 payment

Payment for the soybean damage is determined this way.

1) 75 percent of the 30 bushel yield = 22.5 bushels

2) 22.5 bushels (guarantee)-10 bushels (production) = 12 5 bushel loss

3) 12 5 bushels x $7 = $87.50 per acre

4) $87.50 x 100 acres = $8,750 payment

The subsidized insurance program would pay $42,500 for the two damaged crops. At premiums of $9.90 an acre for corn and $8 50 an acre for soybeans, premium costs were $2,830, leaving a net benefit of $39,670.

The tradeoffs between insurance benefits and premium costs depend, of course, on extent of losses and the level of protection chosen. Insured farmers who suffer no losses must still pay the premium.

However, the premium payments are a tax-deductible business expense, thus lowering the cost of insurance protection.

If, in the example above, the farmer had decided against insurance, but had participated in the 1981 feed grain program, disaster payments would have covered the corn crop. But soybeans aren't eligible for disaster payments.

Let's see how the farmer would fare under the low yield disaster program, without insurance. Assuming a target price of $2.40 a bushel and the same yield reduction as above, payments would be calculated as follows.

1) 60 percent of the 110 bushel average = 66 bushels (only production below 60 percent of normal yield is eligible)

2) One-half the target price = $1.20 per bushel (the payment rate equals one-half the target price)

3) 66 bushels (eligible) - 20 bushels (production) = 46 bushel loss

4) 46 bushels x $1.20 = $55.20 per acre

5) $55.20 x 200 acres = $11,040 payment

Farmers who want to minimize risk can choose to pay the higher, nonsubsidized crop insurance premium and receive the combined protection in 1981.

Assuming the same corn and soybean acreage and coverage as above, premium charges would be $3,370, up $540 from the subsidized premium costs. But the combined potential returns from insurance and disaster payments—assuming the same damage—would rise substantially. $42,500 + $11,040 = $53,540.

In this example, participating in the feed grain program and paying the additional corn premiums increased total payments by $11,000. The actual result would depend on the level of coverage and the extent of any loss from drought, wind, hail, disease, or other natural disaster.

Under the new program, there will be one straightforward system for everyone. Previously, a vast array of programs sprung up wherever farmers suffered losses.

Premium rates are set by the FCIC, based on the potential risk of crop loss in each area. This should encourage farmers to plant crops that are better suited to their particular area.

The expanded protection will serve farmers' financial needs by helping ensure cash flow stability.

This will make it easier to obtain and pay loans, especially for those producers who don't have a big capital reserve.

Forward contracts will also be more secure with insurance to guarantee funds for meeting the contract.

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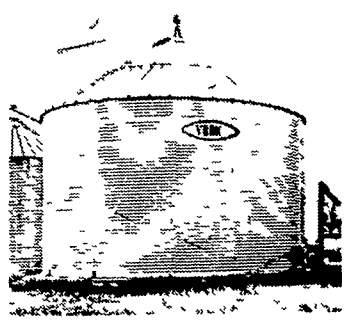


U.S. exports ringing up another record

WASHINGTON, D.C. — Farmers will ring up record export earnings this year despite a sluggish world economy, high interest rates, and 1980's drought-reduced U.S. harvest.

Sales are likely to reach about $46 billion in the 1981 trade year ending this September 30, says USDA analyst Steve Milmoe. That doesn't match some of the earlier forecasts, but it's an impressive $5.5 billion increase from 1980.

Higher prices for farm commodities will be mainly responsible for the rise in earnings, although export volume is also expected to set a record. Shipments of all products should total about 167 million metric tons, up 3 million tons from last year.

According to Milmoe, this increase in volume was already achieved in the first 6 months of the trade year.

In the months ahead, U.S. grain exports will face stiff competition from the recent harvests in Argentina and Brazil. The two countries produced about 14 million more tons of feed grains than last year, meaning a sharp increase in exports. Also, Argentine wheat may replace some potential U.S. sales to Peru, Chile, and Brazil.

As a result, U.S. grain sales will probably slow down close to last year's pace. But with the gains already made in the first half of the trade year, combined feed grain and wheat export volume may top 114 million tons for the entire year, up from 108 million last year.

The anticipated increase in grain sales is important because U.S. exports of soybean products are taking a beating, Milmoe says.

European buying picked up recently, but total U.S. soybean exports will probably end the year about 3 million tons below 1980's volume of nearly 24 million metric tons. Dollar earnings are another story. Export prices remain higher than last year despite the bearish effects of Brazil's large harvest, so U.S. sales of soybeans and products may equal last year's receipts.

It's no surprise that Japan will remain our top customer, spending an estimated $6.9 billion on U.S. farm products, up from $5.8 billion last year. Japanese purchases of red meats, poultry, wheat, corn, and soybeans have been unusually strong so far this year.

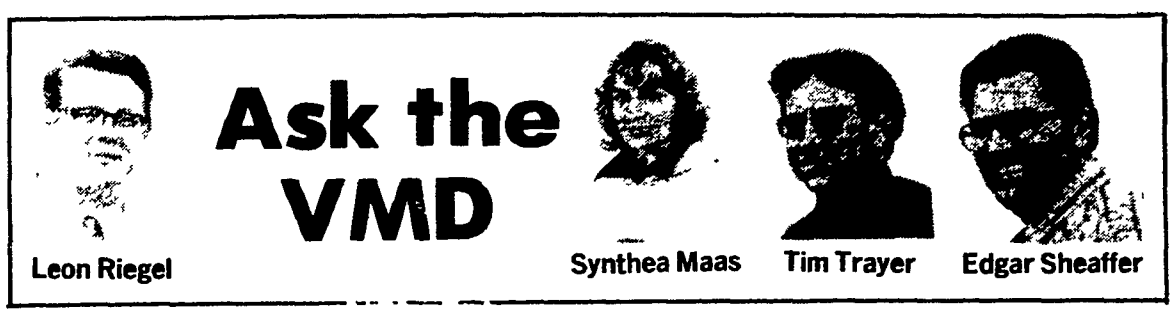
Mexico will be the number two buyer, with estimated purchases of $2.9 billion, up almost $1 billion. Principal items include corn, dried beans, sorghum, soybeans, and wheat.

U.S. sales to Western Europe are expected to decline slightly to about $12.1 billion this year, while sales to Asia ($17.3 billion), Latin America ($7.3 billion), and Africa ($2.8 billion) will be much higher than in 1980.

None of the export forecasts for this year are set in cement, Milmoe says. Some of the factors which may affect U.S. sales for the remainder of the year include changes in economic activity here and abroad, prospects for the fall harvest, Soviet purchase intentions, and currency exchange rates.

Jittery financial markets are playing a bigger role in export prospects than in the past. The recent strengthening of the U.S. dollar means foreign products become cheaper for U.S. consumers and American products become more expensive abroad. This can be an important factor in farm exports, especially when the U.S. isn't the only country holding exportable food supplies.

Another major uncertainty is the USSR. The U.S. expects some additional grain sales before September 30—the expiration date of the current grain agreement—but there's little basis for speculating on how much the Soviets will buy.



If you have a question you would like to have answered by the team of veterinarians at Valley Animal Hospital, Palmyra, and Dr. Tim Trayer, Denver, send it to "Ask the VMD", Lancaster Farming Newspaper, Box 366, Lititz, PA 17543. Questions will be kept anonymous on request.

Cows eat 'mud pies'

A reader asks:

My steers have started eating the soil and mud in their feed lot. There is feed available for them which includes alfalfa, orchard grass, hay, ground corn, sodium bicarbonate, trace mineral salt and urea two times a day. A salt block is always there for their use. What could be causing them to eat the soil?

J. Cerbulis
Boyertown

Dr. Sheaffer Comments:

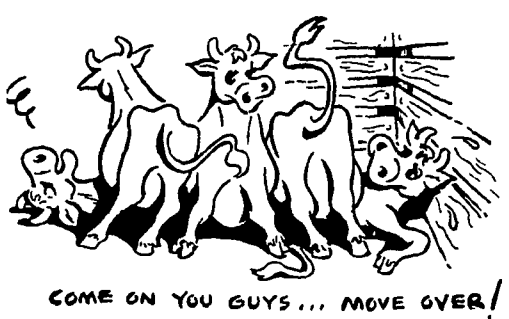
It is generally believed that eating dirt and mud is a sign of phosphorus deficiency. However, your cattle may need other minerals as well. A list of such minerals includes: iron, copper, sulfur, cobalt, zinc, magnesium, iodine, selenium, manganese.

Occasionally, cattle will eat soil when no deficiency can be found. Feeding high levels of one mineral can produce the signs of a deficiency disease of another.

For example, excess molybdenum and sulfate in the feed produces a conditional copper deficiency. High levels of urea in the ration require that more sulfur be added to the feed.

A phosphorus deficiency can be produced in animals that are fed excessive amounts of calcium in the ration. High calcium intake depresses the blood phosphorus level. If this continues for any length of time in the cattle, they will often seek phosphorus by eating soil, chewing on metals, pulling out plants by the roots or even eating old bones if available.

We recommend having your feed ration analysed for calcium, phosphorus, and other minerals each time the feeding program is changed. This is especially true when forages (hay or silage) are obtained from several sources.



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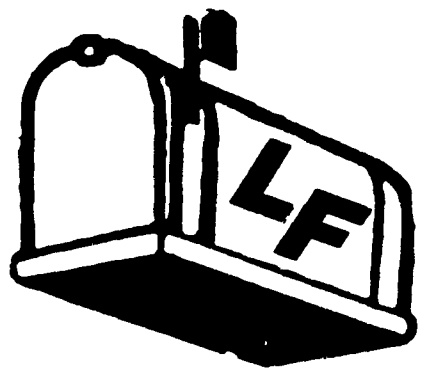

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For Sale - JD 555 crawler loader, 1976 model w/rops, equipped for backhoe or ripper, new track, 2180 hrs, excellent condition, $27,500 717 532-6237 5 9, Shippensburg, PA

Case 1175, 970, CA, 870, 430 w/loader, 2 930's, 1030, 730, 1370 CA, 1070 CA, 470, Long 900 301-582-1927

Owatonna 310 skid steer, like new, excellent for small work Mifflin Co 717-483 6756

Int 55W wire tie baler, rebuilt twister 201-782-5722 evenings

For Sale - to settle estate JD baler #346 with ejector, NH haybine #488 Both in excellent condition Priced to sell quick 717-993-2511 717-246 1972 ask for Lee or Dave

For Sale - L225 Kubota diesel tractor, 24 h p 80 hrs, 3 pt lift, 2 speed PTO, mint condition 717-966-0231

199 Oliver diesel power unit for parts $550 201 254 2020

For Sale - Railroad tank cars, one 12,000 gal, one 10,000 gal, one 8000 gal Ideal for liquid fertilizer storage Several 6000 gal high pressure tanks 717-859-3118

2 cylinder Deutz diesel model F2L912, good condition, 717 532 8601

For Sale - IH 4586 4 wheel drive tractor, 550 hrs, excellent condition, 20 8 x 38 dual wheels, 4 hyd valves, decelerator, horn, swivel seat 717 375 2274

FARM EQUIPMENT

Case 990 Diesel with 60" bucket loader and 5 shank chisel plow, 634 hrs, excellent condition $10,000, NH #675 manure spreader, excellent condition $2000, Oliver #252 10' tandem offset travel disc, good condition $500, NH #23 rotary mower $300 Chester Co 215 857 5279

Chisholm Ryder 656 hydro bean picker, $11,500 Chisholm Ryder 504 bean picker, $7500 White 271 18' disc with incorporation equipment $5200 IH 55 13 shank soil saver, $2900 Kawnee 21' field cultivator with hitchhiker bar, $2200 Stanhay jumbo 4 row precision planter with tool bar, $950 1000 RPM centrifugal pump, $125 Brillion 25' spring tooth harrow, $1700 JD 7000 4 row Max-Emerge planter with monitor, $5500 Stoltzfus 28' boom type fertilizer spreader, $2500 2 Gasboy gas engine powered fuel pumps with meters, $150 ea 717 752-2323

IH TD 14 crawler tractor w/180° swing crane, manuel extendable boom, runs & operates, $2400

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Farmall Cub w/hyd, cultivators, dirt plow, snow plow, new rubber
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MF Model 300 combine with 13' grain head and 3 row narrow corn head, excellent condition, $9495 717-943 2304

1971 IH TD7 w/6 way blade, 1971 125 IH loader, reasonably priced 215-434 7004

FARM EQUIPMENT

For Sale- Bulk feed bins 13 20 & 24 ton 717-689 9617

For Sale Fox 3310 harvester 3 row 30' corn head, 6 hay pickup, elec controls, exc condition 215 932 8999

Farmall C, mounted plow, cultivators, rear mount mower, front end blade, $2000 JD 14T baler with thrower, $750 New Idea hay conditioner metal, fiber roller, new bearings, PTO, joints, $250 Robert Hash 301 452 8285

For Sale Oliver OC 4 crawler loader, new pins in bushings, 2 buckets Call Arkport 607 295 7333

For Sale IH 555 chopper, 1 row corn head, plus pickup head $3500 JH 323 1 row picker $2400 IH 53 4 row cultivators $800/or best offer, 215 584 0156 Montgomery Co

For Sale JD #55 Self Propelled Combine with 14' grain head in excellent condition Oliver 14 transport disc harrow, Long 14' transport Disc harrow both in excellent condition, 215-766 0479

For Sale 3 in 1 machine, 350 JD diesel crawler loader with backhoe and blade Call Arkport 607-295 7333

For Sale 20 KW 3 phase Gen set 3 53 Detroit, 15 KW 3 phase Gen sets 2-71 G M power units, used & rebuilt G M 2 71, 3 71, 4-71, 6 71, 6V71, 8V71 also 6V53 Detroit truck engine Multihoe loader, backhoe 3 53 Detroit, $3500 717-523-1974, Lewisburg, Pa

For Rent 3000 gal Van Dale liquid manure spreader with or without injectors, $3 per load without injectors 717 656 7305

For Sale- Air Blast sprayer & pint boxes 201-449 6278

For Sale 1924 Case tractor in good running condition 717-648 7015

MF quick tach combine, 10' grain platform, 2 R corn head, cab & extras $6900 201-859-3003

For Sale- NH 354 grinder-mixer, excellent condition, also JD FB grain drill with grass seed attachment, 215 383 6818

Dahlman potato bulk box $1200, 215-593-5345

Wanted Good used potato digger, 2 row with PTO and hydraulic lift 717-354 9579

For Sale- MF 760 combine, hydrostatic, used two seasons 500 hours 6 row 30" corn head and floating grain head, like new 215 489 7861

55T International baler, power take off, good shape 717-345 4110, $375

NH 402 crimper, NH 404 crusher, NI 751 & 752 crusher, Mc 7D rotary scythe (new knives), Zimmeran 32' elevator, McD #9 ensilage cutter 717-687 6553, eves & weekends 717-687 8021

For Sale- AC 170, IH 10 drill 717 438 3115

For Sale - 880 Oliver diesel, good condition 3 galvanized Martin cupola ventilators 717 866 7565

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FARM EQUIPMENT

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55 gallons Sunoco oil 20 20W diesel', $160 per drum Steam cleaner, like new $500 Devilbiss undercoating machine $100 Chev van, automatic inspected 6 cylinder, runs good, $900 Phone 717 273 6018 after 5 p m

Farm Hand Rake, 5 wheel (new), Lancaster County, 717 733 8239

New Holland 315 Baler (new), Lancaster County, 717-733 8239

NI 8 ton manure spreader w/end gate 717 665 2671

Wanted JD 50 side mounted mower, 301 876 1956

1 Deutz 100 06 tractor
1 Oliver 880 tractor
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717 367 3590

Wanted - Engine for D 17 AC tractor, diesel or gas, 814 443-2417

NH 770 Harvester $3000
IH 550 Harvester w/2 Heads, $1200
NI 402 Rake, $750
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VG4 Wisconsin power unit w/clutch and electric start
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For Sale Allis Chalmers WC Tractor with cultivator and side hill shifting plow hitch, good running condition, new battery, new magneta, Call 1-717-366 2818, evenings

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For Sale - 91 Int combine, 3 heads, 830 Case with cab, diesel, 301 833-1847

Wanted - 3 row narrow row corn head for NI Uni Chopper & Sheller 304 263 9801

Will buy & sell all types of horse drawn equipment 215-593 5754

2 row mounted NI corn picker, w/Oliver 77 or 88 mounting, 215-932 9500 Chester Co

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For Sale 2 105 White tractor, 105 hp, diesel, 540 + 1000 pto, hydra shift, 18 4x38 rear, 2 spool value, 3 pt hitch, $12 000 717 444 3216 eves

For Sale 1080 MF tractor, NI 3 beater manure spreader, like new 717 328 2458

For Sale One Patz used Liquid Vator, used 2 years Good condition Call 814 355 5941 or 355 4231

For Sale 2 Big Dutchman floor broiler size feeders and one gross gal jug chick founts 717 689 9617

FARM EQUIPMENT

For Sale One 380 Oswalt Ensilmixer with scales stainless steel bottom liner mounted on 1970 Ford Ln truck and mixer in excellent condition 703 434 4459

Late model JD 45 square back combine with 12' grain head JD 2640 fully equipped Lancaster Co 215 267 3281

For Sale Allied hay and corn elevator 25 high, 25 long, good conditon Interested 717 665 5927

JD 694 AN cornplanter with top fert auger vg 1952 8N Ford tractor, vg 1965 MF 150 tractor with 4000 lb fork lift, excellent cond 215 967 4500 after 5 215 868 3220

For Sale MF 135 Farmall 300 & 400, NH 36 crop chopper, NH 271 baler w/PTO thrower NH bale wagon, IH 350 transport disc, 215 562 4464

Having given up feeding silage, we now have available for sale a complete set of silage harvest equipment and auto auger feed system IH chopper, JD silage wagon, 14' Silo Matic unloader, belt conveyors, auger conveyors with motors Can be seen working Call for appointment 201 534 4644

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For Sale Owatonna skid loader, diesel, $3500 717 626 6142

For Sale Super Hayliner #69 baler with bale ejector, excellent condition 201 689 1893

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Gehl forage wagon w/3 beaters & 8 ton running gear Also 717 NH harvester w/2 heads 717-532-2007

JD 60 excellent condition 814 793 4293

NH #30 blower w/1000 RPM, also NH 7' 472 haybine, both are new, priced to sell, can finance 717 532-7054

IH 706 German diesel, 3 pt WF, 814-793 4293

JD 620 3 pt 814 793-4293

JD 720 diesel, direct electric start, 814 793 4293

NH 880 field chopper, 2 row corn head and sickle bar head, 1830 Moline chopper, 2 row corn head, 7' sickle bar (Fox) 7' pick up, Fox PTO blower, 100 free stalls, 2 12 hole pig feeders, all in vg condition 609 935 3323 (no longer in dairy)

801 Ford tractor with loader, hyd bucket, PS, select o matic, $3200, York 717 757 1960

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AC 6R Liquid Planter w/No-Till
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AC 15' heavy duty Sgl. Fold Disc
NI 324 2RW Picker
JD 224 T Baler
JD 24 T Baler
Hesston PT10 Windrower
NH 479 Haybine
NI 272 Cut/ditioner
Hesston 320 SP Windrower
Hesston 1014 Hydro Swing Windrower
SS9 Glencoe Soil Saver
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Hesston PT7 mower conditioner, like new, has been used for only 3 seasons on 10 acres, IHC 47 baler and hay conditioner, both in very good condition, 215-968 4561

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IH 770 disc demo, 10' $4500
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NH 469 haybine $2400
IH 400 cyclo planter
Oliver 5F 16" plow $1150
JD hayrake
NI 319 picker/sheller bed $3500
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IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
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Ford NAA w/Loader
Ford 3400G w/Loader
Ford 801 w/Loader & Hoe
Ford 9N w/Loader
IH 666 D WFE
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH Cub w/mower
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AC 160D
AC D17 3 pt.
Case 1740 D uniloader
Case 630 w/PS
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MF 135
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White 508 4B 18' Auto plow

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Hesston 1010 Hydro Swing Windrower
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IH 990 Mower Conditioner
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Case 220 Baler w/thrower

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NI 325 Picker w/8 Roll Husk Bed
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Model VE4 Wisconsin heavy duty air cooled four cylinder engine, A-1 condition, 215-267-6065

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JD 25 Combine, 7' cut and JD 92 Power unit Both completely rebuilt 1978, field ready, $500 firm 8-5 717-345-8011 After 5, 717-754-7313

Wanted - Used tractor tire 9x32, can be partially smooth, Tractor tire 12x38 must have fair tread Ph 215-584-6667

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JD 6600 D combine, 1970 cab, air, 4 row narrow head, 13' grain platform, $17,000, Franklin Co 717-263-9690

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JD 307 Rotary Mower $800
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JD F950 12' Roller Harrow $4150
JD 567 Wheel Rake $1275
USED EQUIPMENT
NH 469 Mower Conditioner
Hesston PT10 Mower Conditioner
JD 507 Gyamor Mower
Woods MC80-C114 mowers
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
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JD AW 9'10" Disk
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Farmhand Loader to fit JD 1010 & 2010
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4400 Skid Loader
940 Metal Forage Box
940 Wooden Forage Box
F-99 Blower

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Int. 350 Harvester with 1 Row Cornhead and Hay Pickup Head.
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MF Model 36 Hay Rake
MF 4-Row w/liquid fertilizer
FB88 Gehl Forage Blower
Gehl 99 Forage Blower
Int. 550 Spreader w/ Hyd. End Gate
Liq. Fert. Sprayer, ground driven, with John Blue 2-Piston Pump
Super 23 NH Forage Blower

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RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

Wanted- 12 ft Aluminum Cattle Bed for ton truck, Franklin County, 717-328 2993.

JD 4020, power shift, wide front, good tires, very good condition, $8575 delivered 607-478-8277

For Sale - 1130 M F., good condition, 870 Case w/cab, good condition, 717-724-2364

For Sale - NH 616 forage harvester, 1 row, Kept inside, good condition, $700, Ph 717-286 9380 Northumberland Co

NI 305 corn picker, 315 shelling unit for tractor mounting, used 3 yrs, also 38 & 46 exhaust barn fan 717-398-2270

1 Dion Self-unloading wagon with roof Good condition 301-836-1418

JOHN DEERE

NEW
JD 336 Balers w/ejectors
SPECIAL
$5950
NEW
JD 34 Manure Spreader
150 Bushel
SPECIAL
$2500
NEW
JD RM Cultivators
SPECIAL
$2495
NEW
JD 5460 Diesel Harvester w/air cond, power rear wheels, 7' pickup, 3 row corn head with new style power mizer cutter head.
Reg. $80,892
SPECIAL
$72,892
USED
4400 DIESEL COMBINE 1100 hrs., 15' grain platform, 4 row Corn Head, excellent condition $35,000

SMITH IMPLEMENTS, INC.
Mercersburg, Pa
17236
717-328-2244

SPERRY NEW HOLLAND

USED EQUIPMENT
Fox Super D SP Dsl. Harvester w/2R Head & Pickup
Hesston PT10 Haybine
NH 325 Skid Loader
NH 30' Elevator
NH 315 Baler w/thrower, (Demo)
Used Discs

USED TRACTORS
AC 175
384 Leland
344 Leland w/loader
Ford Jubilee
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
AC 4R Rolling Cultv.
AC 4R Reg. Cultv.
NH 800 Spreader

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

NEW TRACTORS
AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

FARM EQUIPMENT

Oliver HG68 Hydraulic Dozer $2000 00 Oliver OC 46 Dozer 4 Way Hydraulic, and Back Hoe $3975 00 Cat 06 Hydraulic 8U $7500.00 Case 1150B Dozer $7500 00 1972 - Komotsau D 60 Loader Rops $9,500 00 1974 Case 850B Rops $11,500.00 1974 AC Fiat Loader Hd 4 Cab $9500.00 1973 310 JD Hoe & loader $12,500 00 1970 JD 400 Hoe loader $7695 00 Cat 977H Cab Good $9500.00 Others, Trade, Finance 814-793-2829
Curry Supply

For Sale - Tobacco rails, orders taken now for June & July delivery Rails out of pine or hemlock Write for prices - Enos S King, Box 128, Rebersburg, Pa 16872 Centre Co

SAME Leyland Tractors

AVCO NEW IDEA

FOR SALE
Brillion 11' packer exc. cond., $890.
NI cutditioner model 270, new flails, exc. condition, $1690.
Kasten 16' 3 beater forage wagon w/roof 10 ton gear $1385
NI mod. 200 PTO spreader, nice cond. $765
NI 310 1 row picker $2500.
Taylorway model 200 121 disc harrow 10'5" excellent condition, $1785.
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
Case 11 ft. 36 blade transport disc harrow $975.
Badger manure spreader Model 205, 205 bu. $900.
Tuffbilt 16 hp garden tractor with 2 3 pt. lift - 60" Bush Hog mower - cultivator $3995 New

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

DEUTZ

NEW TRACTORS
D6807A Deutz Tractor, FWD, 68 h p w/loader
D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor, 61 h p
D5207 Deutz Tractor, 52 h p
D4506 Deutz Tractor, 45 h p
DX 120 Deutz Tractor, 110 h p

Massey Ferguson MF-2675 w/cab, 100 h p, 24 speed trans
1 pair 20 8x38 tires - Goodyear power torque
Used Farmall H
Great Bend 1010 Loader w/96" bucket, 4000 lb cap, like new $2500
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

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JULY SPECIALS
AC 185 tractor, 18.4x30 rears, 9.5Lx15 fronts, front & rear wts. **$15,900**
New Idea 404 rake — $995
Hesston 1090 mower conditioner **$5500**
FOB Herndon, Pa.

NEW COMBINES
N6 rotary
N5 rotary
709 Uni forage harvester
USED COMBINES
1977 LKS w/heads
Int. 205
MF 410 ($9500) w/13' grain & 4-row corn
Deferral on combines, New & Used
NEW TRACTORS
7020
5050 2 wheel drive
5050 4 wheel drive w/loader
185
5030
Deferral on New & Used Tractors
USED TRACTORS
JD A
IH 1206 (606)
IH 574
AC 7000 w/cab
USED EQUIPMENT
16' Dion forage box
JD 3800 forage harvester
Gehl 360 skid loader ($4200)
Hawk Bilt 207 tank spreader
JD 24T baler w/thrower
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FOB Herndon, Pa.
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8 KW PTO generator on wheels, $950
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9 or 10½ Ft.
RANCHO VILLA GLEN
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26710
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AC 170 Gas Tractor
AC 170 Dsl Tractor
AC D19 Dsl Tractor
AC D17 Gas Tractor
AC 7000 Tractor
Year round cab to fit AC 180 or 185 Ex Cond
AC 12' Spring Tooth Harrow
AC 150 Farm Loader to fit AC D15 Tractor
JD 110 riding lawn tractor & mower

ROY H. BUCH INC.
Ephrata
717-859-2441

MF Massey Ferguson
FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
Ford 1300 4 wheel drive, 50 hrs. w/loader
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 1130
Case 800 diesel

Forage Harvesters
Gehl 600 w/grinder
JD 35 1-row
Fox 2000 w/grinder

Combines
JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
MF 300, cab, 3-row

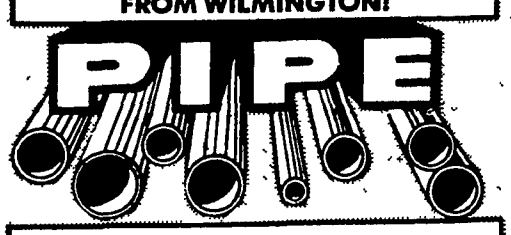
Mower Conditioners
Hesston 310 SP
Hesston PT7
2 Hesston PT10
Hesston 1014 - 10'
Hesston 620, cab
Ford 9'
JD 1209

Miscellaneous
Gehl 120 Mixall
Shaver 12" digger
300 gal. Walsh Sprayer

Hay Harvesting
MF 3 pt. rake
MF 12 w/thrower

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

H. SCHWARTZ & SONS, INC.
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



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NEW IH SPECIALS

	Sale	Less Red Power $ Rebate
720 harvester w/hay pickup	$6922	$5602
425 baler	$4452	$3727
35 hyd. rake	$1865	$1665
1190 mower cond., 9'	$6200	$5475

USED EQUIPMENT:

Ford 740 tractor w/loader		$1975
Farmall M tractor		$1500
JD 4020 tractor	10,500	~~$11,800~~
F340 tractor		$1,950
F460 tractor		$3,250
IH 154 Lowboy w/mower		$3250
2001 loader		$650
IH 4x14 trail plow		$375
IH 400 Cyclo 4 row planter		$3450
IH 400 Cyclo 4-row planter		$2975
Gehl FB88 forage blower		$575
IH 990 9' mower cond.		$2250
Pincor alternator with trailer		$1495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead		$17,500
IH 715 diesel combine w/cab, 13' platform, 844 4x38 cornhead, 375 hrs		$28,000
Brillion cultipacker, 10'		$475
NH table blower		$395
Fox blower		$750
468 4-row cultivator		Coming In

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147
INTERNATIONAL AGRICULTURAL EQUIPMENT
• UPS Service Available

FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JAN. 1, 1982. ON SPREADERS, GRINDER-MIXERS AND SKID LOADERS TILL SEPT. 1, 1981.

NH 479 Haybine	$2775
MF-NI Mower Conditioner	$1295
NH 269 Baler	$1185
NH 273 Baler	$1850
IHC 37 Baler & thrower	$950
NH 269 Baler w/thrower	$1650
IHC Tedder	$150
JD "60" PTO Blower	$475
Gehl Hopper Blower	$350
NH 1880 210 h.p. 3R Fg. Harv.	$13,850
IHC 550 Fg. Harvester w/pickup & 2R Adj Heads	$995
Fox 2300 Fg. Harv. w/2R Head, Elec. Sharpener, 100 acres.	$4500
NH 800W Pickup Head	$985
NH 518 Spreader w/hyd endgate.	$1875
AC B Tractor	$650

Call for prices on other equipment

SPECIAL PRICES ON NEW
NH L35, L325 Skid Loaders
NH 846 Baler, Mowers, & Rakes
NH 474, 488 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 679 Flat Bed Spreaders
NH 782, 892 Harvesters and Heads

Tedders, PTO and Traction Driven
3200 gal. Spreader with ejector
Garden Tiller, Ariens, 4 H P.
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7300 White Combine
4N Corn Head & 13 ft. Header
5 Gravity Bin Wagons
J.D. Rotary mower
Feterl Grain Cleaner
J.D. Flatbed Wagon
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542 OLIVER COMBINE
13' Cut
Very Good Condition
Will Guarantee $4250
Write to PO Box 366 L161
Lancaster Farming
Lititz, PA 17543

SUPER SPECIALS - MUST GO!

New Equipment	Sale Price
Hydra Mac 20C Skid Loader	$16,000
1584 D RC tractor	11,900
I684 D utility tractor	12,680
1784 RC tractor	13,800
IH 400 4R cyclo planter (Waiver until 4-1-82)	4,500
IH 5100 16x7 comb. drill	3,660
2250 loader (buckets not inc.)	2,550
I986 D tractor*	$26,500
I1086 D tractor*	33,000

*Both of these tractors are eligible for a $3000 Rebate from IH if purchased before July 31, 1981.

Used Equipment

Farmall 544 G tractor (exc cond.)	5,800
I-656 D tractor	6,600
New Idea 705 D Uni-System (real bargain) (Combine, cutter bar & 3 row corn head)	19,500
IH 205 combine w/10' grain platform & 2 row corn head	6,600
IH 990 mower conditioner, 9'	1,295
IH 37 baler w/thrower	1,125
John Deere 24T baler w/thrower	1,795
IH 55 chisel plow 13' (Good cond.)	1,595
IH 700 4F plow (auto reset)	2,250
NH 479 haybine, 9'	2,950

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 35 diesel w/loader
IH 154 cub w/mower
JD 520, sharp
Oliver Super 88
JD M w/plow & cult

HAY EQUIPMENT
NH 269 baler w/thrower
IH 440 baler w/thrower
IH 46 baler w/thrower
MF #12 baler w/thrower
JD 350 rake
IH #14 rake
Ferguson 3 pt rake
JD 858 rake
NH 461 mower cond.
JD 483 mower cond

MISC. EQUIPMENT
JD 70 skid loader
New Holland 30' elevator
1240 JD plate planter
1240 JD plateless planter
400 IH air planter
AC 6 row no till planter
New Idea 1 row picker
2450 7 btm. JD plow
AC 3 btm. 3 pt. plow
NH 717 harvester
NH 880 harvester
JD 34 harvester
IH 650 harvester
IH 7' sickle bar mower
NH 7' mower

NEW GRAIN AUGER SALE

	List	Sale
Allied 6"x35' Auger no motor	$1325.00	$1175 00
Allied 7"x41' Auger, PTO	$1700.00	$1500 00
Allied 8"x51' Auger, PTO	$2200.00	$1975 00

OTHER NEW EQUIPMENT SPECIALS
JD #90 skid loader w/2 buckets, demo, $5650
JD 4440 P.S., cab & air, old price
JD 5440 S.P. harvester, phone for price
JD 716A forage wagon w/1075 wagon, $6000
Hesston 1090 mower cond., $4,900
Hesston 1010 mower cond., $6,500
Badger 300 gal. liquid tank, $6000
Hesston 2000-100 harvester w/pickup, $7,500

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks Counties Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

NEW HOLLAND

USED EQUIPMENT ON SALE

JOHN DEERE

	List	Net
New Model 235 John Deere 19' Folding Disk w/Cushion Gang Attachment	$14,170	$11,440
New 2600 John Deere Plows w/NU 450 Heavy Duty Bottoms w/Gauge Wheels & Trash Boards 4 Bottom	$7,741	$5,941
5 Bottom	$8,921	$6,821
Used Model 1469 New Holland S.P. 9' Haybine, good condition		$4,200
1 Used Model 272 New Idea Cut Conditioner, used 1 year		$2,200
1 York 8' Pro Model 975 Landscaping Rake w/cylinder and gauge wheels		$1,250
1 Used 20' Silo Matic Silo Unloader, used 1 year, very good condition		$1,250
1 Anderson Rock Picker		

M.S. YEARSLEY & SONS, INC.
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10%

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What a time to buy! During IH Parts Fever you can load up on any and every IH agricultural equipment part or accessory item you need and get a rebate check back from IH for 10% of the total amount (Your purchase must total $500 and your check will come directly from International Harvester Company) This offer good at participating dealers only

So plan now IH Parts Fever is one fever it pays to catch!

Make up your shopping list, and get set to save NOW!

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PARTS VALUE OF THE MONTH

Save 20% On IH Lubricants
Lubritection Days Sale

Here's a great opportunity to protect your pocketbook, while you protect your engines, hydraulics, and power trains We've bought big quantities of high-quality lubricants and we're passing the savings on to you

Save 20% off regular IH suggested list prices on these specially formulated products in 5-qt., 5-gal., and 55-gal. quantities:

- ***IH No. 1 Engine Oil***—*for high-performance, high-temperature 4-cycle diesel engines*
- ***IH Low Ash Engine Oil***—*keeps down harmful deposits in gasoline, LPG, and 2-cycle diesel engines*
- ***IH InterSeason Oil***—*quality 10W-40 multi-grade oil for cars and trucks*
- ***International Hy-Tran hydraulic-transmission fluid***—*best on the market for lasting protection*
- **IH Gear Lube**—first choice for use in extreme pressure and shock load conditions

Stock up for the year... and save!

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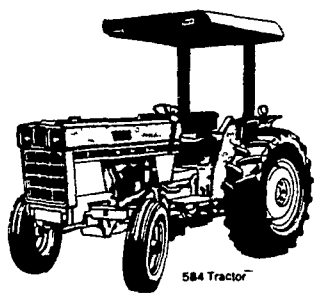
YOUR CHOICE OF RED POWER DOLLARS OR CASH REBATES CONTINUE TO JULY 31, 1981!



TRACTOR MODEL	RED POWER DOLLARS	OR CASH REBATE
140,274	$ 450	$ 300
384	$ 750	$ 500
484,584	$1200	$ 800
684,784, Hyd. 84	$1350	$ 900
884	$1500	$1000
986,1086	$4500	$3000
1486,1586	$6000	$4000
3388,3588,3788	$7500	$5000
COMBINES		
1440,1460,1480	$5000	$3500
1420	Introductory Allowance of $7000	
IMPLEMENTS		
5000 Windrowers	$2000	$1400
Grinder Mixers	$ 650	$ 450
Manure Spreaders	$ 450	$ 300
Rakes & Mowers	$ 200	$ 140
Balers	$ 725	$ 500
Mower Conditioners	$ 725	$ 500
Forage Harvesters	$1320	$ 925

SEE US FOR DETAILS!

USED EQUIPMENT — USED EQUIPMENT

Tractors
Farmall 140
Farmall M
IH 484 D
IH F544 Gas
IH I-656 Gas Hydro
IH F 450 D
IH F 986 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 85 Riding Mower
IH TD8 Crawler
Oliver 1850

Compact Skid Loaders
IH 4125
Owatonna 1700

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Hay Machines
IH 46 Baler w/Thrower
IH 47 w/thrower
IH 37 w/thrower
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH 115 Mower
IH 9 Ft. 990 Mower Conditioner
M.C. Rotary Scythe
Kubota 60" Mower
JD Hay Tedder
Myers Hay Crusher
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower
IH 27V Mower
NH 67 Baler

Tillage
IH 122 Mtd. Disk Harrow
Dunham 10 Ft. Cultipacker
Howard S.T. 180 Rotovator
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver 253 Disk Harrow
Brillion 16 Ft. S.T. Harrow
McConnel 20' Spring Tooth Harrow with Transport

Planters & Drills
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.
IH 510 16x7 Combination
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

Miscellaneous
Snow Blowers For Cadets
Sauder Loader
IH 175 Spreader
IH 550 Spreader
IH 570 Spreader
Little Giant Roll A Way Elevator
IH 2001 Loader For I 544
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Woods 0210 Mower
Woods Cadet 60 Mower
Woods RB7 Blade

Forage Equipment
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 720 For Harv. with 2 Row Cornheads
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
Gehl FB 82 Blower
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower
NI Forage Wagon

Combines
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
JD 45

Plows
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
IH 700 6F Auto. Reset
IH 710-4F Automatic
3F Trailing Plow
Fast Hitch 2 way
MF 5F 14" Mounted
JD F125 3F

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NH #275 Baler w/ thrower
NH #845 Round Baler, Excellent Condition
NH 1495 SP Haybine w/Cab
NH 273 Baler w/ thrower

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Call For Special Low Prices!..

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AC 5050 Tractor, 51 hp, 220 hrs
AC 5050 Tractor, 51 hp
AC 7010 PS Tractor w/cab, air, 20 8x38 tires
AC 7060 PS Tractor w/cab and Air
AC 10' Mtd Chisel Plow
AC 8' Mtd Chisel Plow
AC 5-Bot , 16" Plow, 2000 Series
AC 16½' Field Cult , with hyd fold
AC 2600 Fold Disc, 16'8"
AC 333 Corn Planter, no till & air units
Glenco 9 Tooth Soil Saver
(2) NI 106 Fert Spreaders, 690 Lbs
NI 116 Fert Spreader, 1380 Lbs
NI 743 Stripper Plate Head, 3 Row Wide

USED EQUIPMENT
AC 7040 PS Tractor w/cab & air (waiver to 12/1/81)
AC D15 Tractor
IH 450 Gas Tractor
NI 279 9' Cutditioner
Gehl 800 Recutter
JD 38 Harvester w/PU & 2R Wide head
Lamco 14' Forage Wagon

USED COMBINES, UNI'S CORNHEADS
AC KKS Gleaner w/10' Head & 330 Cornhead
AC A Gleaner w/10' Grainhead
AC C Gleaner w/440 Cornhead
IH 315 w/13' Grainhead and 2 row Cornhead
MH 82 SP w/10' Header
MH 80 w/12' Header
(2) MF QT 24 Cornheads
NI 702 Uni Tractor
NI 727 Uni Husker
NI 723 Uni Stripper Head (2 row)
NI 729 Uni Sheller
NI 726 Uni Husker
NI 702 Uni-Tractor w/717 Combine & 713 Grain Head

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USED 1979 FIELD QUEEN SIDE DUMP 7655
With 3R narrow corn head and seven foot hay head 383 hours
$70,500
Like New
Comparable List $102,000
Call
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Between 6a m & 7 a m

HAY TOOLS
Haybines
NH 1495, 1980 Model
JD 800
NH 479, 460
JD 2109
BALERS
NH 276, 271 w/thrower
JD 24T w/thrower
NH 1010 Bale wagon

SHEETS BROS.
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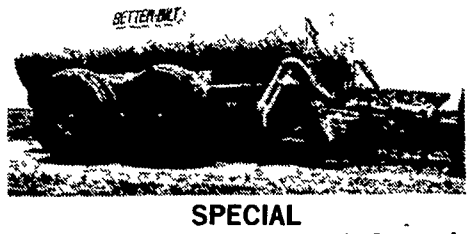

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1 Used 2100 gallon Augermatic Spreader w/Plow Down Attachment, Good Cond. SOLD

1 Used 3000 gallon Husky Bilt Liquid Manure Spreader w/plow down attachment.

Also
SPECIAL PRICE ON
800 gallon thru 4600 gallon
Both vacuum & augermatic spreader units available

BUY "BETTER BILT" EQUIPMENT WHY? IT'S "BILT-BETTER"

CALL US FOR YOUR NEEDS OF
• Farrowing Crates • Lagoon Pumps • High Pressure Pumps

THIS WEEK'S SPECIALS
NH 467 haybine, A-1
IH 203 12' w/hume reel

TRACTORS
Farmall H, good shape
Farmall M
IH Super H Farmall
AC D14
VAC Case w/wide front

MISCELLANEOUS
NH 479 & 460 haybine
AC 903 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
NH 461 haybine
(2) McCurdy gravity boxes 225 bu & 275 bu
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders
Unloading wagons $450-850
3 pt rotary cutter
Pull type rotary cutter
Hesston hydro-swing 12' haybine $1950
MF baler w/thrower, $650
IH fast hitch mower

COMBINES
MF 35 SP 8' cut
JD 25, 7' cut
IH 76 7'
MF 510 quick attach through
MF 35 7' w/bin
AC 66 pull
Oliver 16 pull auger feed
IH 80 auger feed, pull
IH 203 10' A-1
IH 203 12'
JD 30 auger feed, pull

HARVESTERS
IH pickup head - fits 50, 55, 550, 555 & 650
JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row
NH 717 harvester

DISMANTLING COMBINES FOR PARTS
Gleaner A, C, CII, AC 60, 66, IH 64, 76, 125, 127, 141, 95, 91, 93, 203, 303, 205, 151, JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105, MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510, Oliver 35, 40, 430, & pull type, Ford SP & pull types

DISMANTLING TRACTORS FOR PARTS
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut , Supers C, H & M JD A, B, 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860 Case SC & V A C Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler

Dismantling 75 combines for parts

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R D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg
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- **Van Dale Products**
  - Silo Unloaders 10' 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger** • 40 Cows to 400 Cows
  - Truck Mounts
  - Trailer Mounts
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  - 1500 Gal to 4500 Gal
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Stave or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
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- **Nesseth Liquid Manure Equipment**
- **Leasing Available**

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PH 717-284-3111

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New Ford baler model 552, round bales
New Hesston stakhand model 10
AC model 904 mower conditioner, 7'
AC haybine, model 829
New Ford hay conditioner 536, 538
Owatonna swather, model 260 w/cab & air
New MC rotary scythe, model E
New Lely hay rake, model Jemini, 3 pt. hitch
New Lely tedder model 41013, 3 pt. hitch
Case SP haybine, model 950
New Ford tractor, model 3600
Ford tractor model 4600, 131 hrs.
Ford tractor model 6700, 32 hrs. w/canopy
Ford tractor model 7700, 600 hrs.
Ford 2000 gas engine
Ford 4000 diesel w/cab
Several Ford tractors model 8000 to choose from
Ford tractor model 3000 w/optional loader
Ford tractor model 1700, 2 wheel drive diesel
David Brown model 4600
Massey Ferguson 165
Farmall 560, tricycle front end
Case model 541, tricycle front end
IH tractor model 450
IH Cub w/hyd. lift, 42" mower
Farmall Cub w/hyd. lift w/Woods 50" mower
IH Cub Lowboy model 154 w/rotary mower & 54" snowblade
Playmore camper, sleeps 4 w/stove and table
1964 Chevy camper, sleeps 6 self contained w/stove & refrigerator and heater
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1962 IH scout model 80, 4 WD
IH Fleetstar model 2000, 8 spd. diesel
1973 Mercedes Benz truck model 113
IH truck model 1700 w/Swartz roll back

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Ford 4500 backhoe
Ford 4000, 1967
5 Ford 3000
Ford 861
Ford 641 diesel
Roadless 95 4WD
2 IH 1066 w/cab
3 JD 4020
JD 4010
JD 3130
3 JD 3120 1 w/cab
2 JD 2130
7 2120 1 w/cab
JD 2120 w/loader
JD 2030
3 JD 2020
Used JD cabs for 1020, 2020, 2030
JD 1010
D2 Cat crawler
Jaegar irrigation pump
MF 175
Replacement parts & Service for Ford Tractors

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JD 750 MF VSOLD
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JD 2240
JD 4240 w/SG & QR
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JD 210 11' 5" Disc
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JD RM4 cultivator

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JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies

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JD 643 Head
JD 7720 Combine

FORAGE EQUIPMENT
JD 3940 Fg. Harvester

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
JD 34, 40 450 Spreaders
NH 513, 791, 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

3 USED COMBINES
AC K2 w/12' Platform
JD 55 w/2 Row Corn Head & 12' Platform
JD 3300 Diesel w/213 flex Platform & 244 Corn Head

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USED NH 1495 HAYBINE, FULL CAB, $14,000

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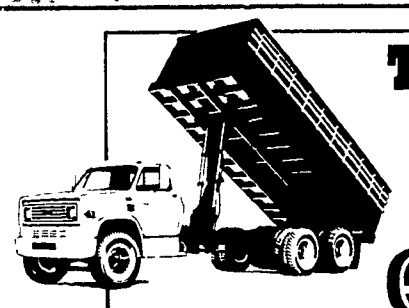

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- ★ Grove
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- ★ New Idea
- ★ Lamco
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Sides, Floors, Extension Sides, Tails - all made to factory specifications by experienced box builders.

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New Holland, PA 17557
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1 - 2250 New Fox forage harvester, hyd. elbow and one row corn head $4500
1 - 2310 New Fox forage harvester with two row corn head $5250.00
1 - 249 used Fox snapper head $1500.00

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Aluminum Irrigation pipe, 5000 ft. 7" x 30' sections, $1.75 per ft. 1000 ft. 4" x 30' sections, $1.25 per ft. Some accessories, used very little.

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1 six row Lilliston rolling cultivator.

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NEW EQUIPMENT

1086 w/cab	140 4 btm. roll over
786	720 auto. reset, 5 btm.
784 w/TA	720 4 btm.
Hydro 84	5100 grain drill, 16x7
584	45 Vibra Shank, mtd.
284D	401 harrow
184 w/mower	770 disk
1420 combine	370 disk
800 cyclo planter, 4-row	

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- Up to $1000 off on 84 series tractors
- $7000 off list price of our 1420
- Extended warranty on 1420

$3000 off on our already low 1086 $27,400 w/rebate

(Offer expires July 31, 1981)

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656 hydro	IH 3 btm. fast hitch plow
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Farmall 450G	Howard subsoiler, 5'
Farmall M	IH 12' mtd. Vibra Shank
Super A	Haines 2-row stone picker
2 Myers air blast sprayers	Oliver grain drill
	Rhino weed sprayer
IH 6' hay crimper	Troyer elevator
2001 IH loader	Clark fork lift
1500 Schwartz loader	
Cultivators for C	
Int. 500 C crawler w/loader	
Int. 500 C crawler w/plate, 3 way blade	

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with brake
Carts $235
without

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MIXER FEEDER
ELECTRONIC SCALES
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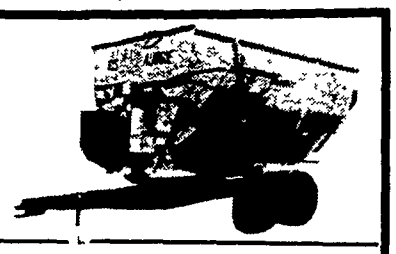

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
DB 990
MM Jet Star 3 diesel

LOADERS
Case 1816
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

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701 Power Unit
708 Power Unit
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729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

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Gehl 910 box
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N H. 1880 SP
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#7 corn picker
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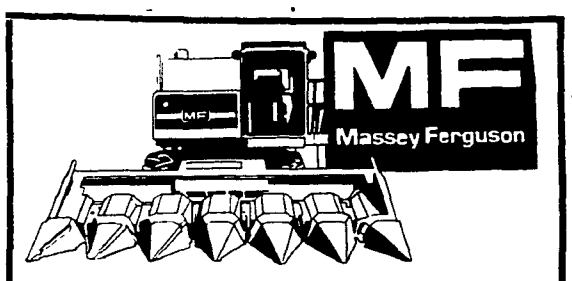

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MF 850 Combine (2)	Call
MF 750 Combine	Call
MF 550 Combine (4)	Call
MF 540 Combine (2)	Call
MF 15' Grain Head (9)	Call
MF 16' Grain Head	Call
MF 18' Grain Head	Call
MF 13' Grain Head (6)	Call
Profiteer 14' P U Reel (7)	@ $625 00
Profiteer 15' P U Reel (3)	@ $650.00
MF 24 2 Row Corn Head (9)	@ $2350.00
MF 1143 Corn Head (4)	Call
MF 1144 Corn Head (7)	Call

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MF 760 Hydro w/Grain & Corn	$48,500.00
MF 750 Hydro w/Grain Head	$29,000.00
MF 750 4 sp w/Grain Head	$24,500.00
MF 750 Hydro w/Grain Head	$28,000.00
MF 760 6 cyl 4 sp Grain Head	$25,500.00
MF 760 cyl 4 sp Grain Head	$19,500.00
MF 510 D 3 sp w/Grain Head	2 @ $12,500.00
MF 300 Gas, Grain & Corn	$9000.00
MF 410 Gas w/Grain, as is	$1500.00
MF 300 w/13' Grain	$3100.00
MF 35 sp 8' cut	$1500.00
MF 30 w/2 Row Corn	$2500.00
White 7300 Gas, Grain & Corn	$17,500.00
JD 4400 Gas, Grain & Corn	$15,900.00
IH 315 Gas, Grain & Corn	$7900.00
IH 303 Gas, 13' Head	$1790.00
IH 303 Gas, Grain & Corn	$3900.00
IH 141 Gas W/Grain	$2000.00
IH 91 10' w/Cab	$950.00
MH 80 sp 12'	$600.00
JD PTO Corn Sheller	$275.00

WE SOLD 12 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

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MF 1135 M P Less Cab	$9500.00
MF 1085 w/Rollbar, 8 sp	$8200.00
MF 1080 M P , Engine O H	$6500.00
Case 1370, Cab 1480 .	$14,000.00
Oliver 1650 Diesel	$5900.00
Oliver 1600 Gas	$3500.00
MF 6 hp Riding Mower	$350.00
MF 33 Wheel Loader	$9,000.00
NW 71 Skid Steer Loader	$8,000.00
MF 7 Tractor w/Mower 10 hp	$875.00
IHC 1066	$11,500.00

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SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

2040 Tractor
336 Baler w/ejector
HD 336 Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on New Utility Tractors and Equipment sold with tractors. Also waiver on new Hay Equipment

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Farmhand Chuck Wagon
NH #6 Chuck Wagon
IH Chuck Wagon
JD 55 Combine
JD 95 Combine
AC Gleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter
Special Deals on More Equipment not listed. See us Now!

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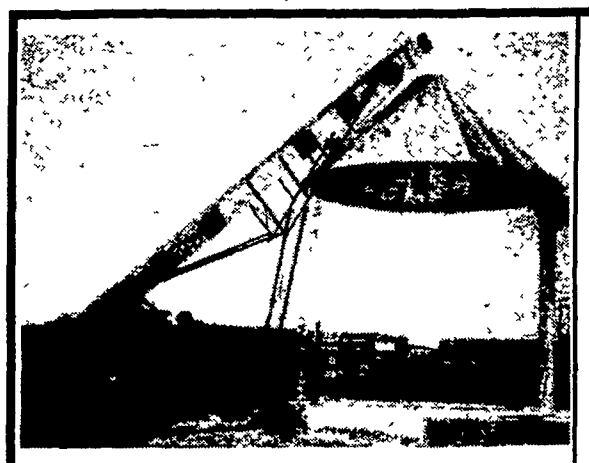

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Will Carry Your Corn & Hay
28 ft. $1125
32 ft. $1195
★ 36 ft and 40 ft. also available

BEHLEH CORN CRIBS
1200 BU ... $885
1600 BU ... $1095

Limited Supply At These Prices

USED EQUIPMENT

Super M, like new tires, nice	$1550
930 Case tractor	4100
AC D19 tractor, nice	3450
Int. W9, gas	1800
Cub w/mower, nice	1995
AC CA	875
Case 900	2800
NI Wheel Rake, good	750
Grimm Tedder	850
Portable Welder 2 cyl. engine	750
NI Hay Crimpers	from 250 up
JD rotary mower	575
272 NI cut conditioner	1850
10 ft. International Fertilizer Spreader, Ex.	475
GB600 Gehl Harvester w/2 row narrow head	1450

First with a better way.

HESSTON FARM EQUIPMENT

HESSTON FARM EQUIPMENT

NEW HESSTON 38 HAY RAKE
$1725

HESSTON 1091 WINDROWER
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8 Miles East of Lancaster
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Farmall 300 gas tractor, fully equipped, all hydraulics
JD 4010 Dsl. Tractor w/Cab, Loader & Duals
1977 NI 709 Uni System, 1100 actual hours, air, heater, cab. Traded for larger unit.
New Idea 213 Manure Spreader in Excellent "like new" Condition
Plus NI cut/ditioners & mow/ditioners, corn pickers and tractors in stock at Good Prices.

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Ask for Paul

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JD 4430 Tractor
JD 4030 Tractor
JD 4020 Tractor Side Console w/Cab
JD 4020 Tractor, Narrow Front
JD 4020 WF Power Shift
JD 2640 Tractor w/loader
JD 1010 Tractor
JD 950 Tractor
IHC M Tractor
H Farmall w/3 pt. hitch
Brady 1440 Shredder
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 7000 4R Consv. Corn Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD FBB 15 Disc Grain Drill
JD B Plane 15 Disc Grain Drill
JD 15 Disc Van Brunt Grain Drill
JD 16A Flail Chopper
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
NH 717 Chopper w/1R corn head
Woods C80 Pull Type Rotary Mower
JD 6600 Combine w/platform
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
Woods RM 306 Rotary Mower
Woods 120 Offset Rotary Mower
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 279 Cut/ditioner
JD 145 6B Plow
JD 325 3B Plow
JD 1450 5B Plow
JD 714 Forage Wagon w/1065 A Wagon

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FARM EQUIPMENT

- Full Line of NH & JD Equipment...Waiver of Interest Available on Most New Machines!
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COMBINES:
New JD 6620 Sidehill w/15' Table & 6 Row Cornhead
New 4420 w/13' Table & 4 Row Cornhead
Used JD 4400 Gas, Cab, Air w/13' Table, Wide or Narrow Cornhead, Good Condition

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(2) Used 346 Wire Tie Balers/30 Throwers
New JD 660 Rake
New JD 16A Chopper
Used JD 216 For Wgn.
Used NH 275 Baler
Used NH 56 Rake
Used NH 479 Haybine
(2) Used NH 469 Haybines
Used MF 12 w/22 Thrower

USED MISC.:
Lilliston 7 Six 90" Pull Rotary Cutter
Woods RM59 3Pt Rear Mtd 3 Spindle Mower To Fit 154, 184 & 185 Int Cub Tractors

NEW NH EQUIPMENT:
238 Wagon
310 Baler, Less Thrower & w/Thrower
315 Baler w/75 Hyd. Thrower
425 Skid Steer Ldr.
30 Whirl-A-Feed Blower
38 Chopper
451 Mower
474 - 489 Haybines
256 Rake
329, 513, 519 & 679 Spreaders

NEW TRACTORS:
JD 4240, No Cab
JD 2940 & 2040 w/Front Wheel Drive
JD 2240 & 2640

USED TRACTORS:
'80 JD 4040 Power Shift, w/148 Ldr., 11 Hrs , Like New
JD 2040 w/145 Ldr., 209 Hrs., Clean
JD Model A w/wide front
Ford 9N, Fair Cond , Runs Good

JOHN DEERE

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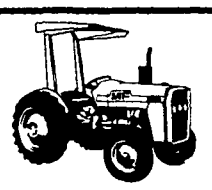

MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 2400 Dsl Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 641 Tractor w/Loader & Bucket
Ford 9N Tractor
Farmall Super H Tractor
JD MT Tractor
NH 892 Fg Harvester
Fox 3310 Fg Harvester w/ 822 pickup & 3R Corn head, never used
Fox 1000 Forage Harvester
NH 451 Mowers
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
Hesston #10 Stacker
NH 1033 Bale Wagon
MH 35 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
Ontario Grain Drill
AC Blower
AC 516 Plow

NEW M.F. EQUIPMENT

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 285 Demo Tractor
MF 285 Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 30B Tractor Cab
MF 30B Tractor
MF 20C Tractor w/Cab
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
MF 246 Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

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FARM EQUIPMENT

FARM EQUIPMENT

GOOD USED EQUIPMENT

Used Long mod. 910 diesel tractor, 710 hrs , very good cond.
Bolens model HT-20 hp w/mtd loader w/front blade & rotary mower, good cond
Oliver 770 diesel tractor, tricycle front end, good cond.
IHC model 46 PTO baler, good cond
JD 13x2 grain drill, double disc openers good condition
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
Good used lawn tractors

AMCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
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NEW TRACTORS AT 1980 PRICES!
Leasing Available
(1) John Deere 4040 Tractor
(1) John Deere 4240 Tractor

USED TRACTORS

JD 520 w/ Cultivator
JD 620 Gas
JD 2020 w/loader
JD 1520 D w/ Loader
JD 2510 Gas
JD 850 w. Mower
JD 4010 Diesel
Oliver 550 Diesel w/Loader

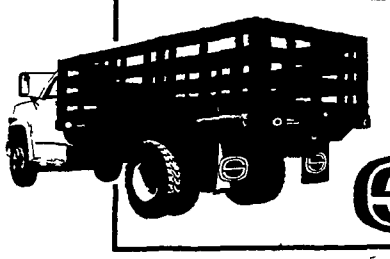
USED EQUIPMENT

JD 4400 Combine, Gas
Fox Forage Wagon
Fox S.P. 6244 For Harv. w. Cornhead

* Waiver On New & Used Tractors to March 1, 1982!

JOHN DEERE

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141



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Omaha Standard

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DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #425 Loader 60" bucket, 1 only $9975
NH #325 Loader 54" bucket, 1 only $8375
NH #310 Engine Baler w/steel wheels, 1 only $5850
NH 315 Baler w/70 thrower, hyd. hillside $8190
NH 320 Baler w/70 thrower, hyd. hillside $10,150
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only $1550
NH #782 Harvester, 1000 RPM's, manual control, 2R head 1 only $9240
NH 456 Mower, 4 only $1770
NH 489 Haybine, 1 only $6345
NH 495 Haybine $8590
NH 513 Spreader 11:00x20 tires, 1 only $3150
NH 256 Rubber Tine Rake, 1 only $1690
NH 355 Grinder-Mixer, Heavy Duty PTO 11L tires, 1 only $5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only $4995
NH 230 Wagon, 8 rims, standard tongue, 2 only $620
NH 234 Wagon, 10" rims, Adj. tongues $789
NH #8 Crop Carrier, 234 wagon, (Dem), 1 only $4310
Pittsburgh 10' Spring Harrow, 1 only $695
Pittsburgh 10'6" Disk, ¼" blades, 1 only $2600
Pittsburgh 12' Field Cultivator, 1 only $1295
We are also renting a NH# 303 3200 Gallon Tank Spreader.

NEW SPECIAL
NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine
$54,300.00

HUTCHFLEX DISKS BY HUTCHMASTER NOW IN STOCK CALL FOR DETAILS

FREE FINANCE ON

- NH Hay Equipment Till Jan. 1, 1982
- NH Harvesting Equipment w/Hay Head Till Jan. 1, 1982
- NH Box Spreaders, Skid Steer Loaders & Grinder-Mixers till Sept. 1, 1981

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

NH 477 Haybine
NH 479 Haybine
Case 675 SP Haybine (Same as Hesston 320)
2 NH 512 Spreaders
NH 518 Spreader, top beater
NH 268 Baler w/ Thrower
NH 717 Harvester, 1R Corn Head
NH 707 Harvester w/1R Corn Head
NH 58 Thrower
NH 258 Rake, Rubber Tooth
NH #23 Blower
2 Gehl Fg. Box on Running Gear

DEPENDABLE IS MORE THAN OUR NAME

Ag-Industrial Equip. Co.

ALLIS-CHALMERS SPERRY NEW HOLLAND

KUBOTA AVCO NEW IDEA Bullion CRUST BUSTER Vicon

TRACTORS
AC 185D w/loader
AC SOLD loader
(2) AC 7040
(1) AC 7000
MF 165
JD 2520
Ford 4500 Loader
MF 165 w/Loader
Oliver Fiat
JD 630

CORN PLANTERS
AC 600 4R
AC 333
AC 600 6R
AC 600 4R w/liq. fert.
AC 600 4R w/dry fert.
AC 10 Row no till Soybean
White 6 Row
IHC Cyclo

FORAGE HARVESTERS
NH 1895 w/4R Head
NH 1890 low hours
Fox 3310 w/3RN windrow Pickup, Exc. cond.
NH 892 3 row Wide

SKID LOADERS
NH L35
JD 1010 Gas Crawler
NH 775 Gas
Ford 4500
NH 425 Rental

COMBINES
NH 995 w/15' Platform
AC G w/4RW and 13' Platform
AC MKS w/13' Platform & 6RN
MF 410 w/13' Platform
MF 510 w/13' Platform & 4R Wide
AC All w/2R Head, wide, 10' Platform
AC 3-30 Corn Head

SPREADERS
NI 224
NH 362 Tank
NH 365 Tank
NH 368 Tank

MOWER CONDITIONERS
NH 1469 w/Ford engine
NH 495
NH 479
(2) NH 1495 Self Propelled
NI 279
IHC 225 Self Propelled
NH 477 Haybine

BALERS
NH 850 Round
NH 273 w/thrower
NH 269 w/motor
NH 282 SOLD wer
NH 320 w/thrower
NH 268 w/thrower
NH 68
IHC 430

MISCELLANEOUS
Howard Rotovator
Eager Beaver 6 ton Trailer
MC 9E Rotary Scthe
Vicon Disc Mower
IHC Rake
NI Rake
450 Sickle Mower

Sales Department Call Ed Greenleaf
Terry Greenleaf
Service Call Peck Ramsay
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Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
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Large Parts Inventory and Modern Shop Facilities with Factory trained Specialists to serve You Better.

MF Massey Ferguson

NEW EQUIPMENT SALE

MF Massey Ferguson

Waiver of Finance Charges On Special Items

MF Rebates on new MF Tractors and 500 & 700 Series Combines

14.9% Interest For 2 Years On Special Items

FARM TRACTORS IN STOCK

	List	Sale Price
MF 2705 M.P. Cab w/air	$37,530.00	$31,500.00
MF 2675 M.P. Cab w/air	$37,784.00	$32,700.00
MF 285 M.P. Cab w/air	$29,503.00	$23,800.00
MF 275 8 Speed	$20,409.00	$16,800.00
MF 265 M.P. Trans.	$19,421.90	$16,000.00
MF 230 Diesel 6 speed	$11,237.30	$8,975.00

SPECIAL SALE
MF 2675 Diesel
24 speed M.P. Trans. 20.8x38 Rear wheels, 100 HP, dual hyd. outlets, Rops w/ canopy
List Price $32,000.00
Sale Price
$22,500.00

USED TRACTORS
MF 235, 8 speed Trans., Diesel, 1975, Sale Price $5,500.00
MF 1100 M.P. Trans, w/cab & 18.4x38 duals, New Paint $8,100.00

USED TRACTOR LOADER BACKHOE WITH CAB
John Deere 410 w/reverser trans. Diesel, 2,880 hrs. with 12", 18" 24" and 36" backhoe buckets.
$19,900.00

NEW MF 50 C TRACTOR LOADER BACKHOE
Diesel engine 62 H.P., w/cab, instant reverse trans. 300 loader, w/1 cu. yard bucket & 54A backhoe w/extendable dipper & 24" bucket List $40,172.00
Sale Price **$32,500.00**

NEW MF HAY EQUIPMENT
1 - MF Model 37 Hay Rake, pull type, 5 bar
List $1,800.00 Sale $1,595.00
1 - MF 120 Baler w/ Thrower
List $7,125.00 Sale $6,275.00
1 - MF 128 Baler w/ Thrower
List $8,725.00 Sale $7,575.00

USED BALER
1 - MF 10
good condition $975.00

NEW CORNPLANTER
1 - MF 640 Cornplanter (air type) 4 row w/insecticide & fertilizer hoppers includes monitor, gauge wheels and press wheels.
List $8,123.29 Sale $6,500.00

NEW COMBINES IN STOCK
MF 540 Corn and Grain
MF 550 Corn and Grain
MF 1143 and 1144 Corn Heads In Stock

USED COMBINES
MF 510 Diesel w/cab, air, quick attach corn head and grain head
MH 60 self propelled
good condition $2,000.00
MF 510 Diesel w/cab grain head (12 ft.) and 4 row corn head Sale Price $12,900.00
MH 80 Self Propelled $1,000.00
Used MF 4 row quick attach corn heads

MF — 428 4 Row 3 Point Hitch Corn Cultivator
List $2,100.00
Sale Price **$1,499.00**

LEBANON VALLEY IMPLEMENT CO. INC.

700 E. Linden Street, Richland, PA 17087 717-866-7518

UNICORN FARM SERVICE

JAMES E. LANDIS

PATZ SALES & SERVICE
TERRE HILL SILOS
QUARRYVILLE, R.D.#2, 17566
CALL 786-4158

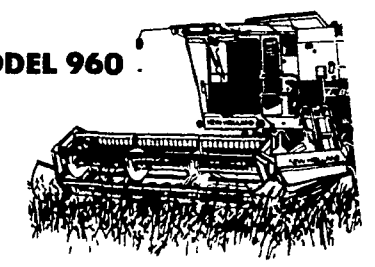
MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

The Time Is Right... The Price Is Right!!

New Equipment Special...

NEW MODEL 960 NH GRAIN HEAD



...For TR 70, TR 75, TR 85 or TR 95 NH Combine, 13' direct cut header with 13' floating cutter bar, 13' hume, HC heavy duty 6 bat pickup reel and 13' protection plates. Above complete, ready to install on combine...

NEW HOLLAND **$3,895**

• Stop In or Call •

Sales & Service On:
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WALTER G. COALE, INC.

2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

JOHN DEERE

USED EQUIPMENT
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT
JD 7000 6 row conservation planter
Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk

SPECIAL INVENTORY SALE ON NEW EQUIPMENT
2- JD 670 - 9½ Ft. Rake, new tires & Front Wheel $1,875.00 ea.
1- JD 1209 Mower Conditioner - $5135.00
2- JD 336 Twine Baler - $4725.00 ea.
1- JD 111 - 12 Ft. 10 In. Disk - $2895.00
1- JD 1630 - 11 Ft. Plowing Disk - $4,540.00
1- JD 2600 PLOW 5-16" - $4685.00
1- JD 2450 - 7-16" PLOW - $4,815.00
4- JD 210 Lawn & Garden Tractor with JD #47 Mower $2,625.00 ea.

No Trade-Ins Accepted.

J.S. COVERT & SONS

Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

IH Badger OMC AVCO NEW IDEA

TRACTORS
IH 544 Diesel Hydro
IH 544 Diesel Utility
IH 606 Diesel Utility, Overhauled
IH 656 Diesel Utility, RC
IH 674 Diesel Utility, RC
IH 706 Diesel Farmall
JD 820 Utility

USED EQUIPMENT
IH 225 Windrower
1410 Hesston Hydro Swing Windrower
216 OMC Windrower
990 IH Windrower
479 NH Windrower

COMBINES
IH 205 SP w/heads
MH 35 SP
MH 26RT SP
NI 702 w/13' Grain head
Oliver 17
AC 66

FORAGE HARVESTERS
Fox 546
Fox 3000
Fox 1000
Fox Cutter Bar Head
IH Forage Harvesters...
IH 16
IH 350
IH 650
IH Cutter Bar Head
JD 34 Forage Harvester

CORN HEADS
1 and 2 Row and Hay, Pickup Heads Available For All Forage Harvesters

USED FORAGE BOXES ...
Grove, Cobey, Gehl, Lamco, New Holland, Dion and Load King

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment

CHAMBERSBURG FARM SERVICE, INC.

975 S. Main St., Chambersburg, PA
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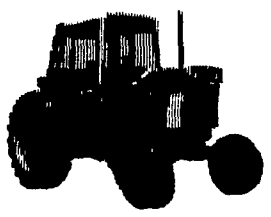
IHC 915 COMBINE
With Two Heads
$20,000 or best offer.

2 WHITE 2-105
$13,000
717-362-3132 or
717-362-9449

AIRVILLE EQ. INC.

PO Box 37 (Rt 74)
Airville, PA 17302
717-862-3358 or
862-3967

AC 7000 tractor w/cab
AC 200 tractor
AC 160 tractor
AC WD tractor
AC B tractor w/Woods L306 mower deck
Gleaner L combine w/15' grain hd, 4 row narrow corn hd
Gleaner A w/2 row head
IH 440 baler w/thrower
Hesston 500 SP mower cond
Hesston PT10 mower cond
NI 272 cutditioner
NI 279 cutditioner
IH 990 mower cond.
NH 1010 bale wagon
White 5 btm hyd reset plow
Oliver 4 btm hyd reset plow
MF 3 btm hyd. reset plow
Case 3 btm spring trip plow
NH 717 forage harvester on 1 row hd
IH 555 forage harvester w/2 hds
IH 16 forage harvester
AC 7' pull type rotary mower
Woods 72 Cadet pull type



NEW TRACTORS

884 RC	
Sale	$16,650
Rebate	$1,000
Cost	$15,650
584 RC	
Sale	$12,500
Rebate	$800
Cost	$11,700
584w/2250 loader	
Sale	$14,000
Rebate	$800
Cost	$13,200

NEW HAY EQUIPMENT

445 baler w/thrower
1300 7' mower
1190 mower conditioner, 7'
35 side rake
7x16 forage wagon

USED TRACTORS
Ford 3500 w/loader
Cub 154 w/Woods mower

NEW EQUIPMENT
4140 skid loader
2250 loaders, special price
720 plow 5' 18"
350 disc harrow 10' 3"

USED EQUIPMENT
512 NH spreader
510 plow 5 bottom, 16", $1500
440 baler, good price

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

For Sale - MH SP combine, 7' cut, $850 Also 10 Oliver fertilizer spreader $350, 717-998 9286 Lyc Co

FARM EQUIPMENT

JD [illegible] $6500
DENNIS M. MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838 1888 anytime
717 469 0937 daily

FARM EQUIPMENT

One Ford NAA 3 pt hitch new pistons and sleeves, $1700 Also 1 AL 170 tractor, like new, 500 hours with 4 bottom plow 201 996 2304 eves

Massey Ferguson 65 gas, real clean, $2300, 717-665 4642

FARM EQUIPMENT

Antique Fordson tractor, motor ceased, on steel wheels made at Deereborn Michigan by Henry Ford & Sons $450, 1957 Chevy 4 dr sedan, does not run $425 914 471 5895

For Sale 303 Allis Chalmers baler, good condition, $350 717 733 1569.

FARM EQUIPMENT

For Sale Potato packing line Like new mains, 18" model, includes sizer, washer, roller, grading table and double bagger 717 386 4249

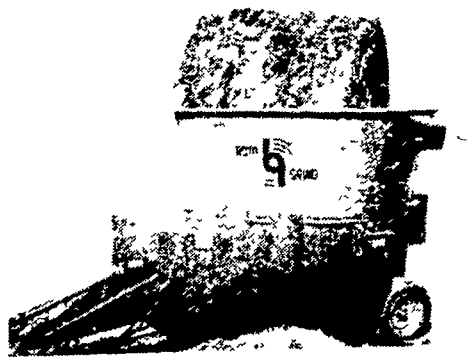
For Sale - 12' grain head for JD square back combine, Ph 301 756-6063 Taneytown, MD

FARM EQUIPMENT

For Sale - New Holland 353 grinder mixder, like new 215 267 3983

For Sale - 1979 John Deere 2840 tractor, 80 hp Only 230 hrs Many extras, mint condition $16,000 Monroe Co 717 992-6596 or 717-992 4614

ROTO-GRIND



The ROTO-GRIND has been tested from coast to coast and is now designed for the HIGH MOISTURE conditions of the East.

- **VERSATILITY**
  - Grinds roughages
  - Round bales
  - Square bales
  - Shelled corns
  - Ear corn
  - Small grains
- **SIMPLICITY**
  - No gear boxes
  - No drive belts
- **DURABILITY**
  - All welded construction on frame and tub

RED WING FARMS

R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

JOHN DEERE

USED TRACTORS
JD 4430
JD 4020, PS
JD 2640
JD 2020 G w/loader
JD B

HAY & FORAGE EQUIPMENT
JD 1209 mower cond.
NH 479 haybine
JD 24T baler w/ejector
NI 603 forage box
JD 125 chuck wagon w/roof, $1295
JD 34 forage harvester, make offer
JD 38 forage harvester, make offer
JD 38 for parts
JD 3800 forage harvester
King Wise 28' elevator
JD 60H hopper blower
JD 55 blower w/pipe, $150

COMBINES
JD 45 w/10' head & 235 corn head
JD 55 w/12' head & 234 corn head, $2695
JD 55 w/13' head & 235 corn head
JD 4400 w/13' grain head & 443 corn head

CORN PICKERS
NI 324 picker sheller, 2 row, like new

SPREADERS
JD 40 PTO
AC PTO

DISC HARROWS
JD 225 10' offset wheel carry

NEW EQUIPMENT SPECIALS
JD 1050 33 h.p. tractor, $7895
JD 1207 mower cond., $4950
JD 1209 mower cond., $5150
JD 1320 disc mower
JD 506 rotary cutter, $695
JD 5440 self propelled 4 whl. dr. forage harvester w/3 row head, $46,995
JD 1710A 11' mulch tiller, $6295
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295
JD 410 round baler
JD 714A forage wagon
JD 8300 drills, 18x7 & 21x7
JD 27 flail shredder
JD 1508 15' rotary cutter
JD 3960 forage harvester

WAIVER OF FINANCE AVAILABLE
on
New & Used Tractors
to 3-1-82 on
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including Forage Harvesters
to 1-1-82 on
New & Used Corn
Planters to 4-1-82

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

JOHN DEERE
Nothing runs like a Deere

THIS WEEK'S SPECIAL ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3 16"	2010	1650
JD 2600 Plow 4 18"	7800	6300
JD 445 RH Flail Spreader	4657	3600
Hub 30' Elevators	2158	1975
Hub 36' Elevator w/1½ hp motor	2498	2298

Rental of Power Till Seeder

SPECIALS ON USED EQUIPMENT

TRACTORS		
JD 4020	9500	9000
JD 4010	9000	8500
JD 730	4250	3950
JD 730	4000	3600
Ford 8N, mint cond	2800	2500
Ford 801	2800	2500
JD A	1800	1500
JD MT	1600	1050
HAYING EQUIPMENT		
JD 336 baler w/30 ejector	4600	4200
JD 24T w/30 eject SOLD	2250	2000
JD 24 T baler w/#2 ejector	1475	1200
JD 14T w/#1 ejector	650	600
NH 273 baler w/ thrower	3500	3000
NH 68 baler w/54 thrower	1100	975
Owantonna 700 SP Mower Conditioner	3500	2500
Case 475 mower conditioner	1995	1500
NH 1469 SP haybine	4000	3000
JD 469 haybine	1875	1750
JD 640 rake	1275	1150
PLANTERS		
JD 7000 6RN liquid	9500	8800
JD 7000 planter, 4RW	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
JD 494	650	500
JD 1240 plateless pltr	2300	2000
AC no-till 6RN	3500	2400
IHC 6RN 400 cyclo	3500	2500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
HARVESTERS		
JD 38 harvester w/2 row head	2000	1800
JD 3800 harvester	Coming In	
DISCS		
MF 12'	2000	1900
JD Killifer, 11'	975	800
M & M Disc	1200	1000
PLOWS		
JD 2 14"	475	450
JD 52 1 12	85	75
JD 44 2 btm trail	125	115
JD 345 5-16	2500	2400
MISCELLANEOUS		
JD 1990 wheel harrow	2000	1800
JD 45 combine 12' w/ oversized tires	3500	2500
JD 4400 combine, repossed w/ grain & 44 SOLD head	40,000	38,500
Grove wagon	495	450
NH wagon w/hay rack	850	800
JD 963 wagon	400	350
NI corn picker	1600	1450
JD 101 picker	500	400
JD 115 chuck wagon	1300	1200
Papec 880 grinder mixer	3875	3700
JD 127 rotary mower	650	550
NH 33 chopper	700	600
Hawk tank 7½ ton spreader	2500	2000
NI spreader	975	850

NO TRADE ON SALE PRICES

JOHN DEERE
AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

C.J. WONSIDLER BROS.

ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

SALE
SAVE HUNDREDS TODAY

JULY SALE

CHECK OUR HUGE LOT OF USED TRACTORS, COMBINES, & EQUIPMENT BEFORE YOU BUY ANYWHERE ELSE. WE MUST MAKE ROOM FOR NEW INVENTORY, THEREFORE, WE ARE FORCED TO CUT DEALS HUNDREDS OF DOLLARS!

TRACTORS
AC 7040 D w/cab
AC 7030 D w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC D17 G
AC WD45 G
AC WD G
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 235
MF 50
Ford 3000 G
Ford 800
Ford 601 w/sickle bar
Ford 9N w/mower
Ford 8N
(2) JD 60
JD B
White 250 D, like new!!
Oliver 500 D
Oliver 55 D
Farmall 400
Farmall 460 D
Case 630 w/loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs

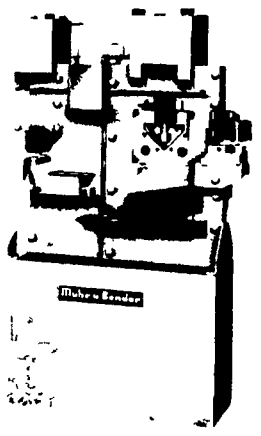
COMBINES
Gleaner K w/grain & corn heads
Gleaner AII w/13' grain & 2-row corn heads
Gleaner CII w/13 grain & 438 corn heads
JD 55 Corn Special w/cab, 12 grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

AVCO NEW IDEA
Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611

HAY EQUIPMENT
NH 1469 Self prop 9' Haybine
Hesston 110 Self-Prop Haybine
AC 904 9' Mower Conditioner
Meyers 8' Mower Conditioner
(2) McCormick Conditioner
NI Hay Conditioner
IH Hay Conditioner
McCormick #2 Hay Conditioner
AC 303 Baler
NH 273 Baler & Thrower
NH 68 Baler
NH 277 Baler & Thrower
NH 273 Baler
NH 479 Haybine
(3) NH 461 Haybine
NH 469 Haybine
MF 81 Haybine
NH 880 Harvester w/2-row corn & pick up heads
(2) AC 720 Harvester w/2-row corn & pick up heads
IH 1-row Harvester w/pick up
Gehl Harvester w/1 row pick up
JD 38 Harvester 30 rows w/pick up & 2-row corn heads
(3) NH 717 Harvester w/1-row corn & pick up heads
NH 717 Harvester w/1- row corn & pick up heads EXCELLENT!!
JD #6 Chopper w/both heads
NH 616 Chopper w/both heads
IH 16FH Chopper w/both heads

SPERRY NEW HOLLAND
Lobachsville, Oley, PA
(215) 987-6221, 987-6257

NEW - USED
MACHINE TOOLS - SHEET METAL AND METAL FABRICATING MACHINERY



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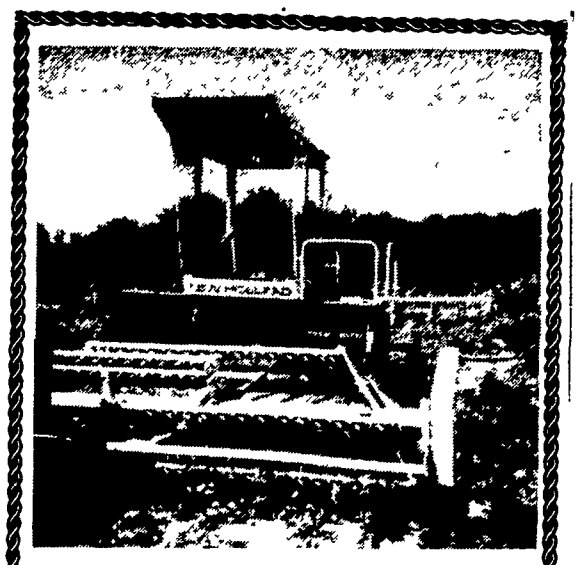
One of Largest Stocks of Machinery In Area



NEW HOLLAND 1495 HAYBINE WITH CAB

AG-IND. EQUIPMENT CO., INC.

1207 Telegraph Rd. (Rt. 273)
Rising Sun, MD. 21911
301-658-5568 215-869-3542
301-398-6132

FARM EQUIPMENT

FARM EQUIPMENT

SPERRY NEW HOLLAND

RINGTOWN FARM EQUIPMENT, INC.
RD 1, Ringtown, PA
717-889-3184

MID SUMMER SPECIALS
NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit, $7,999
NH L445 skid steer loader, demo unit, $10,499
NH 256 rake

FREE FINANCE ON:
Hay & Forage Equipment
till Jan. 1, 1982

USED EQUIPMENT

NH 275 baler w/thrower
NH 7' sickle bar mower, mtd
1500 Schwartz loader, 4420 lbs.
Oliver grain drill
Myers 500 gal. row crop sprayer
Haines 2-row stone picker
Howard rototiller, 100"
Holland 4-row transplanter
IH 2001 manure loader
IH 710 4 btm. plow, auto. reset
IH 12' Vibra Shank
IH 4 btm. plow, semi-mt.
IH 3 btm. plow, fast hitch
806 D
656 G
3414 tractor loader
Super A
Farmall 450
Farmall M

FARM EQUIPMENT

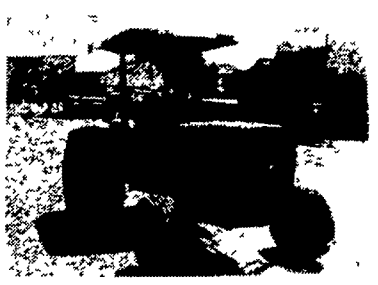
Ford Tractors Equipment

7020 Forage harvester w/corn head & windrow pu.
NI hay crimper
469 NH mower conditioner
22 NH forage blower
JD hay conditioner
NH 611 forage harvester w/3 heads
Farmall M tractor w/2 row corn husker

EDWARDS FARM EQUIPMENT
291 W. Moorestown Road,
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

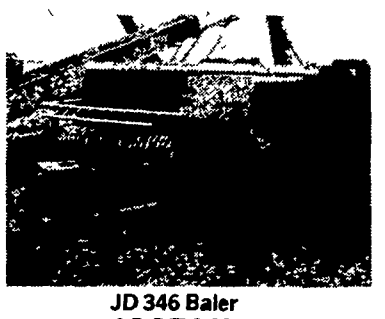
BARGAIN HUNTER SPECIALS

TRACK DOWN BIG BUYS ON USED EQUIPMENT

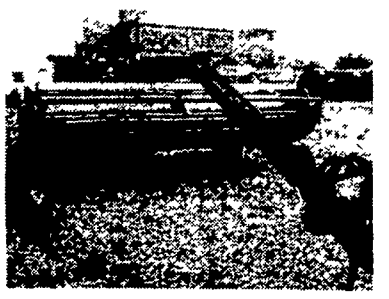


JD 2040 Diesel - 270 Hours
$8200.00

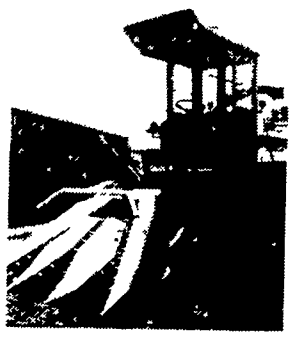
NH 790 Spreader
$4000.00



JD 346 Baler
$3650.00



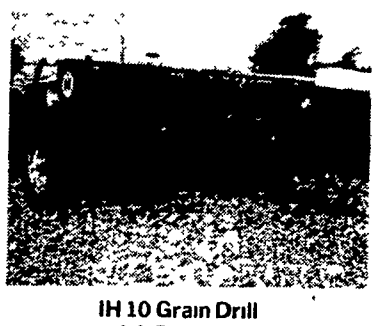
JD 1380 Mid Pivot Mower Conditioner, 12 Ft. **$4995.00**



NH 1890 Harvester with 880 N3 Corn Head, Ex-Condition Warranty
$32,250.00
★ Free Finance until Jan. 1, 1982

Mustang 1700 Diesel
$6950.00

Gehl 99 Blower
$1800.00



IH 10 Grain Drill
$1250.00

USED TRACTORS

Massey 165D	$4850
JD 2010 Tractor	$3150
Ford 901G	$3200
JD 4240 w/Duals	$24,750

USED BLOWERS

NI 620 Blower	$1250

USED PLANTERS AND GRAIN DRILLS

IH 10 Grain Drill	$1250
JD 494 A - 4 Row, Plate w/fert Insect Seed Disk Openers	$1100
JD 494A - 4 Row Planter	$550
JD 2 Row Tool Bar Planter w/fertilizer	$550
IH 2 Row	$400
JD 494A - 4 Row Plate, w/fert Insect	$1000
IH 56 - 4 Row Plate, w/fert Insect	$1350
IH 2 Row Planter	$400

USED HARVESTERS AND ATTACHMENTS

NH Super 717 with 2 Row 717R2 Corn Head	$2250
Fox 3000 Harvester	$1650
NH 1 Row 717 Corn Head	$775
NH 717 Harvester with 1 Row 717 R1 Corn Head	$1150
NH 770 Snapper Head	$1350
NH 770 Harvester	$2350
Fox Flail Pickup	$395
NH 717S Harvester	$1800
Fox Hay Pickup	$500
IH 55 Harvester	$750
IH 2 Row Wide Corn Head	$250
IH Hay Pickup	$250
IH Direct Cut Hay Head	$175
NH 717 Harvester	$1500
NH 717 W Hay Head	$625
NH S717 Harvester w/new Knives	$1650
NH 717N2 Corn Head	$650
JD 5½ ft Hay Head	$550

USED CORN PICKERS

NI 323	$3000
NI 323	$2650
NI 324	$3250

USED MOWERS AND RAKES

Triumph Hi-Way Mower	$1000
JD 25A Flail Mower, Like New	$1250
Bushhog 14' Rotary Cutter	$1800
NH 258 Hydraulic Drive, 9½ Ft Rake	$1795
NH 259 Rake	$1450
JD 350 Rake	$450

USED GRINDER MIXERS

NH 352	$2650
JD 750 (Excellent Cond.)	$5800

USED TILLAGE

JD 9' Spring Tooth Harrow	$450
Brillion LFM 9' Pulverizer	$375
Dunham 10' Packer	$600
JD 350 - 5 Bottom Hydraulic Reset Plow	$3250
JD 1600 - 1 2 ft Chisel Plow	$1795
Wing Fold AC 18' Field Cultivator	$2250
JD 1630 - 11'7" Disk Harrow	$4250
Ford 206 - 12', 3 Point Spring Tooth Harrow	$425
JD 208 Killifer Disk	$450

USED MOWER CONDITIONERS

NH 477 Haybine	$2675
NH 467 Haybine	$2350
NH 479 Haybine	$2950
Hesston Pt 10	$1650
NI 270 Cut-Ditioner	$2450

USED BALERS

NH 277 Baler	$3950
JD24T Engine Baler	$1995
JD 224T Baler	$2450
NH 68 Baler	$1550
NH 68 Baler	$1500
NH 271 Baler w/Thrower	$1950
JD 14T PTO Baler w/Ejects	$1250

USED SPREADERS

NH 512	$1350
NI 214	$1850
NH 510	$1575
NH 328	$800
NH 518	$1950
NI 213	$1800
JDN	$600

USED LOADERS

JD 37 Loader	$350

USED FORAGE WAGONS

JD 216 Box w/1065 Gear	$2875

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SPERRY NEW HOLLAND
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FARM EQUIPMENT

CFH

JOHN DEERE

USED EQUIPMENT

JD 1520 Gas, WF
JD 2510 Dsl, WF, w/48 Loader
JD 2020 Gas, WF
JD 4020 Dsl WF
JD 4230 4 post RG, Wea. Enc, 18.4x34 Tires 95%, duals avail.
2-JD 4620 Tractors, 1 w/power shift, 1 w/sync. range, duals w/both, 1 w/air cond.
AC D17 Gas w/3x16 Plow & 4R Rr. Cultv.
VAC Case Tractor
JD 213 Rigid Platform
Davis 20+4 Hydro Trencher
Ferguson 3 pt. ditcher
JD 494A 4R Planter
JD 7100 Ptl. 12 row 30" like new
JD 12 Row Tool Bar Planter w/no-till coulters
JD 1630 11' 7" Disc
Sunflower 24' Wing Fold Disc
JD 444 4RW Corn Head
JD 843 8RW Corn Head
NH 510 Spreader
JD 54 Spreader
Brillion 13' Pulvimulcher, Ex. Cond.
JD 920 12' Packer
JD F145 6-16 Semi-Mtd. Plow
JD 34 Fg. Harvester
Rhino 8' rear blade
JD 407 7' PT Rotary Mower
Woods C80 rotary mower
Ford 10' Rotary Mower
Lilliston 7' 3 Blade Rotary Mower
JD 894 Rake
JD 65 Blower
NI 501 Loader

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Evenings & Weekends
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FARM EQUIPMENT

FARM EQUIPMENT

FOR SALE

New Ontario drill	$4000
New 474 NH haybine	$4800
New 472 NH haybine	$4250
Used Gehl 880 9' haybine	$1600
Used 1650 Oliver gas	$5000
Used 900 hrs. 885 Case diesel	$6000
Used WD 45 AC gas	$1400
Used IH M gas	$1600
Used IH rake	$ 500
Used NH cutditioner	$ 500
Used Gleaner K combine w/12' hume reel head	$8700
A lot of used balers	$500 & up
HG 68 Oliver Crawler Tractor	$1750

All prices F.O.B. Hughesville

FARNSWORTH FARM SUPPLY
103 Cemetery St.
Hughesville, PA 17737
717-584-2106

Used Tractors:

John Deere 4520, 4430, 4320 with Cab, 4320 no Cab, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1086 4WD 800 hrs., 1066, 966 with cab, 806, 826, 560, 460, 450, M, H. Allis Chalmers D21, D17. Ford 4000 Gas, 8N & 9N. IH 2400 B series w/400 hrs. 1979 IH 1086 w/Cab & Air & Front Wheel Drive Used 700 hrs. MF 1135, cab, air, duals, used 1000 hrs., AC 210, JD 2630.

Used Combines

John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads.

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1971 International 1800 Cab & Chassis.

Used Plows & Disks:

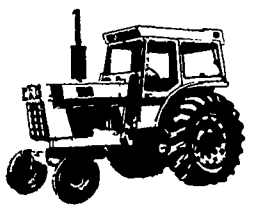
1450 John Deere 7 Bottom. Allis Chalmers 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow. Kewannee 18' Hyd. Fold Disk. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. John Deere 336 baler. Large selection of Fox choppers & head. Good supply of Fox Parts. New Gehl, Fox & Badger Equip. Used Pittsburg & Nobel field cultivators. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders. Int. 18 disc grain drill, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. Int. 510 21 disc grain drill, like new.

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

FARM EQUIPMENT

FARM EQUIPMENT



NEW TRACTORS
IH 284D
IH 284D 4WD
IH 384
IH 484
IH 684
IH 884
IH H 84
Farmall 986
Farmall 1086

USED HAY EQUIPMENT
2 IH 990 mower conditioners
2 IH 46T balers w/#10 thrower
IH 47T baler w/#10 thrower
IH 440W baler w/#10 thrower
IH 47W baler
IH 10 bale thrower

NEW HAY EQUIPMENT
IH 445 W balers
IH #15 bale throwers
IH 1190 9' mower conditioners
IH 3104 5'3" rotary disc mower
IH 1300 7' 3 pt. hitch mower
IH 935 rakes

NEW DISC HARROW
IH 122 5'6"
IH 122 6'9"
IH 350 10'3"
IH 475 18'7"
IH 501

USED TRACTORS
Farmall H
Farmall M
Farmall 504
Farmall 544 w/3000 Loader
Farmall 656
Farmall 766D
Farmall 706 gas
Farmall 806D
IH 354
IH 656
IH 444
IH 454 w/loader

USED COMBINES
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head

NEW CULTIVATORS
2 IH 183 4 row Vibra tines

USED CULTIVATORS
IH 463 4 row
IH 153 4 row

IH

Uptime service.

certified service
1980 1981

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USED TRACTORS

AC B, G, D12, D14, D15, D17's, D19, WD45, 160, 5040, 170, 175, 180, 185, XT190, 200, 7000, 7030
Ford NAA, 600, 2000, 3000, 4000, 5000, 9600
JD 620, 730, 3020
Int. cub, Super A, Super AV, 140, M, Super M, Super MTA, 230, 240, 340, 414, 424, 504, 560, 544
Case 430
MF 135
MF 235 diesel, PS, only 5 hrs., price $7250

USED HAY TOOLS

Mower Conditioners:
Hesston PT7, PT10, 1090
NH 469, 477, 478, 489, 479
JD 1207
Cutditioners:
NI & MC 7' & 9' models
30 assorted sickle bar mowers
Side Rakes:
KMI 9' PTO side rake
Fahr 3 pt. turbo mower
NH 55, 56, 259
JD 640 w/dolly wheel
NI & IHC
New & Used Fahr & Grimm hay tedders
Balers w/throwers
Used NH 320, 276, 273, 268
Hesston 4500
JD 24T
AC 444

Used Forage Blowers
NH, JD, Kools
Flail Choppers
Gehl 72
NH 38, 36, 33
JD 15
IHC 8
Forage Harvesters
NH 717
JD 38
Hesston 7020
AC 780
Large assortment of heads, call for your needs
Used 2 & 4 row 3 pt. cultivators
New 4-row 3 pt. cultivators
New bale racks

USED INDUSTRIAL EQUIPMENT

Bull Dozers
AC 652, 653
IHC 500C
Crawler Loaders
JD 350C
AC HD3, HD4, 655
Tractor Loader Backhoes
Case 580B
AC 615 & 715
JD 440A skidder, PS
Largest selection in the area of new AC tractors & machinery
New Idea hay tools, manure spreaders & corn pickers
Hesston hay & forage tools
Grimm & Fahr tedders
Many of our manufacturers have deferred terms or rebates

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Sales & Service AC, NI, Hesston, Kubota

Year End Inventory

ALLIS-CHALMERS

CLEARANCE!

Tractor	List	Selling Price	Cash In Lieu of Waiver	Rebate	Your Cost
AC 5050	$14,060.80	$12,300	$1,000	$ 500	$10,800
AC 5050	$16,057.05	$14,050	$1,000	$ 500	$12,550
AC 6060	$19,237.81	$16,395	—	—	$16,395
AC 7010 PD	$31,722.62	$24,900	$2,200	$1,200	$21,500
AC 7010 PS	$35,022.65	$26,500	$2,200	$1,200	$23,100
AC 7010 PS	$39,105.95	$31,475	$2,200	$1,200	$28,075
AC 7020 PS	$43,609.24	$34,995	$2,400	$1,200	$31,395
AC 7060 PS	$45,358.56	$37,300	$3,100	$1,200	$33,000

ALL ABOVE TRACTORS CAN BE FINANCED AS FOLLOWS:
- 3 Years @ 10%
- 5 Years @ 12%

or

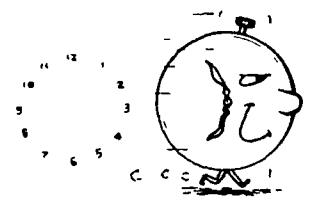
- TPD Waiver On All Above Tractors To 3/1/82

New Idea Equipment Priced For Quick Sale!
- 456 Round Baler
- 818 Uni-Combine
- 813 Grain Head
- 801 Uni-Tractor
- 840 Feeder House
- 272 7 Ft Cutditioner

Hamilton Equipment
Glenco Soil Saver List $7435.16 SALE $6490
400 Grain Dryer List $9225 SALE $7890 + Setup

ITCO
Dealer for ITCO Corp
• Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA 215-488-1025
H. Daniel Wenger, Prop.



Time is Running Out to cash in on Massey Ferguson "Good News Rebates"
OFFER ENDS JULY 31

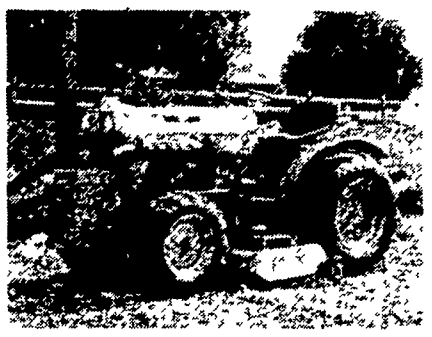
NEW EQUIPMENT	REBATE	WAIVER OF FINANCE	2 YEAR FINANCING
Tractors under 100 hp.	300-800	or 10/1/81	NA
Tractors over 100 hp.	1300-4300	and 10/1/81	14.9%
New combines -			
540 corn	4000	and 9/1/81	14.9%
850 & 860 corn	NA	9/1/81	14.9%
New Balers -			
model 120 & 124	NA	1/1/82	NA
Used Tractors	NA	10/1/81	available only over 100 hp.
Used Combines	NA	10/1/81	14.9%

LARGE INVENTORY

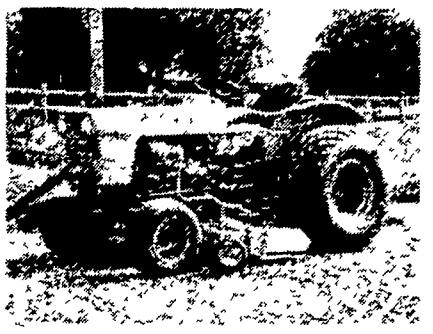
ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MF Massey Ferguson

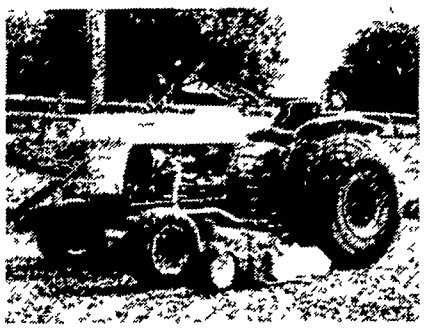
USED COMPACT DIESEL TRACTORS



Kubota B7100DT - 16 hp., 4 wd, Ag tires, 325 Hours, with Woods 48" Undermount Rotary Mower **$4800**



Kubota L185 - 18 hp., 2 wd, Turf Tires, 280 Hours, with Woods 60" Undermount Rotary Mower **$5000**



Kubota L225 - 24 hp 2 wd, Turf Tires, 1225 Hours, with New Woods 72" Undermount Rotary Mower **$5000**

Bolens G-192 - 19 hp, 2 wd, Turf Tires, 60 Hours, with Bolens 54" Undermount Rotary Mower **$5000**

RAINBOW TARPS

22 OZ. RED FARM BODY COVERS
w/12" Drop & Fitted Front

14 ft. Farm Body Cover	$195.00
16 ft. Farm Body Cover	215.00
18 ft. Farm Body Cover	240.00
20 ft. Farm Body Cover	265.00
22 ft. Farm Body Cover	325.00

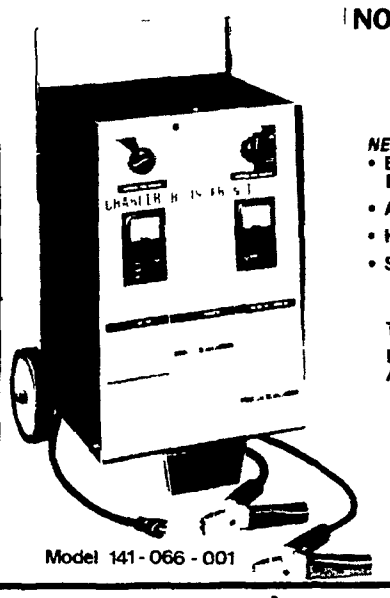
SPECIAL 20% CASH DISCOUNT OFF ABOVE PRICE
Till July 31, 1981
On all Rainbow Farm Body Covers

1978 CHEVROLET CHEYENNE ½ TON PICKUP

6050 GVW, 350, Auto., AC, PS, AM, FM, 41,000 Miles, Light Blue, One Owner **$5250.00**

80/80 AMP CHARGER, 300 AMP BOOSTER, AND BATTERY TESTER

THEY SAID IT COULDN'T BE DONE!



Model 141-066-001

NOW SAVE $130.00
WAS $329.50
NOW $199.50

NEW FOUR PRODUCTS IN ONE!
- ELECTRONIC HYDROMETER AND BATTERY TESTER
- ALTERNATOR TESTER
- HEAVY DUTY BATTERY CHARGER
- STARTER BOOSTER

— PLUS —

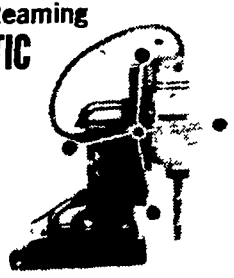
THREE-WAY ADJUSTABLE HANDLE
MULTI-POSITION SWITCH AND 2 HOUR TIMER

CENTURY

For Drilling • Tapping • Reaming

ELECTROMAGNETIC DRILL PRESSES

½", ¾", 1¼" Capacities
Quality Milwaukee Electric Tool



Features:
- New 3-position slide accepts all Milwaukee Drill Motors .. allows more versatility in positioning motor for special applications.
- Use on vertical, horizontal and overhead applications.
- Safety color-coded control panel makes it necessary to push 2 buttons to turn off magnet.
- Balanced ..will not tip forward when de-energized even with largest drill motor.
- Single heavy-duty line cord and plug supplies electrical power to stand and drill.
- All Milwaukee drill presses furnished with safety chains.

DRILL POINT PRESSURES FROM 1300 TO 2000 LBS. DRILLING SPEEDS FROM 250 TO 750 RPM. SEE US FOR A DEMONSTRATION.

Milwaukee Amstar

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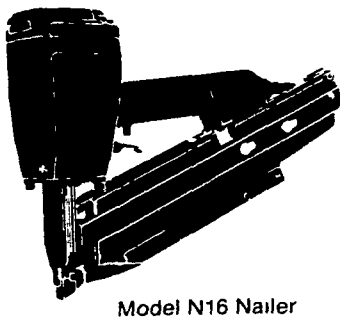
Save Time and Labor, Rent a BOSTITCH PNEUMATIC TOOL

Model N16 FRAMING NAILER
Rent For $16 per day



Model N16 Nailer

HERE'S A MULTI-PURPOSE TOOL FOR USE WHEREVER YOU NOW USE HANDDRIVEN 8D, 10D, 12D or 16D NAILS. THE MODEL N16 IS A BASIC FRAMING TOOL USING 16D NAILS

USED GRAIN TRUCKS

1958 CHEVY
21,000 GVW, V8, 4+2, 69,000 miles w/14 ft. Midwest Grain Dump Body

1972 INTERNATIONAL FLEETSTAR 2000
32,000 GVW, 5+2, 230 Cummins, with new Omaha Standard 18 ft. grain dump

1974 FORD F750
27,000 GVW, air brakes, 391 V-8, 5+2, 10 00x20 tires, 27,000 miles with new Omaha Standard 16 ft. grain dump

1974 DODGE D500
18,500 GVW, V8, 5 Speed, 6 New 9.00x20 Tires Truck has been reconditioned by us and is ready to go to work, with New Omaha Standard 12 ft. Grain Body, Steel Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 51DA Single Cylinder 10 Ton Hoist, New 30 gal. Aux fuel tank, New 24" Tool Box **$8500.00**

1979 FORD F250
7900 GVW, 400 V8, 4 Speed, 9.50x16.5 Tires, 13,000 Miles, With New Omaha Standard 9 ft. Grain Body, Wood Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 41DA Single Cylinder 4 Ton Hoist **$8250.00**

★ Other Used Grain Trucks In Stock

USED 16 FT. MIDWEST GRAIN BODY

With 40" Steel Sides, 12" Extensions, Fold Down Cattle Racks, Fertilizer Auger, 2 Cylinder 15 Ton Hoist With Pump

$2800.00
Complete

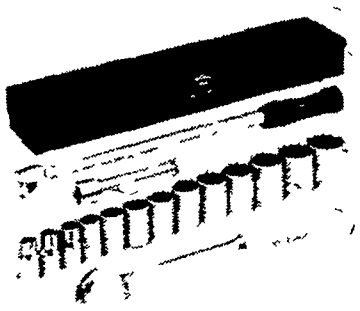
USED OLIVER TRACTOR PARTS

NOTE: We Have A Good Selection Of Used Oliver Tractor Parts For The Following Models 55, 66, 77, 88, 1600 Call and Check With Paul Weaver
We Will Ship UPS

1 - 155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - .020 Mains, Fits - 1655D, 1750G, 1755G, 1800G
1 - K-119D Reconditioned Crankshaft with NEW Bearings, .010 Rods - .010 Mains, Fits - Super 88 & 880 Gas or Diesel
1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
1 - 166-425A Reconditioned Engine Block, Fits 1655D
1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
1 - Rebuilt 55 Gas Engine, Complete
1 - 770 Gas Engine, 1100 Hours, Complete

S-K® TOOLS

No. 4116 INTERMEDIATE SOCKET SET
16 PC. PLUS BOX
$79.99



7/16" 6 pt Std Skt., ½" 6 pt. Std Skt., 9/16" 6 pt Std Skt., 5/8" 12 pt Std. Skt., 11/16" 12 pt Std Skt., ¾" 12 pt. Std. Skt., 13/16" 12 pt Std Skt., 7/8" 12 pt Std Skt., 15/16" 12 pt. Std. Skt., 1" 12 pt. Std. Skt., 1-1/16" 12 pt Std. Skt., 1-1/8" 12 pt Std Skt., 1¼" 12 pt Std Skt., 5" Extension, 17" Flex Handle, Ratchet, Metal Box 1-7/8" x 17"x3-5/8".

FREE **OPEN END WRENCH SET**
(with the purchase of the socket set above)

No. 550
5 PC. PLUS POUCH

¼" x 5/16", 3/8" x 7/16", ½" x 9/16", 9/16" x 5/8", 11/16" x ¾", Tool Pouch
$19.89 Value

ECHO

ECHO TRIMMER MODEL GT 200

- 21 CC Engine
- Tap For Cord Trimmer Head
- Flex-Drive Shaft

Reg. $139.95
SALE PRICE **$109.95**
Set Up & Tested
Price Good Till July 31, 1981

RECONDITIONED USED ROTARY MOWERS

Bolens Rotary Mower, 8545, 4 H.P., 22" Self-Propelled, Electric Start, Mulching Mower	$175.00
Lawn-Boy Rotary Mower, 7268, 21" Push, Side Discharge	$195.00
Bolens Rotary Mower, 8554, 5 H.P., 22" Self-Propelled, Mulching Mower	$200.00
Jacobsen Rotary Mower, 42171, 4 H.P. 21" Self-Propelled, Side Bagger	$200.00
Lawn-Boy Rotary Mower, 8233, 21" Self-Propelled, Rear Bagger	$225.00
Bolens Rotary Mower, 8554, 5 H.P. 22" Self-Propelled, Mulching Mower	$225.00
Bolens Rotary Mower, 8644, 4 H.P., 22" Self-Propelled, Mulching Mower	$300.00
White Rotary Mower, 990-142, 4 H.P., 22" Self-Propelled, Rear Bagger	$325.00
Bolens Rotary Mower, 8648, 4 H.P. 22" Self-Propelled, Mulching Mower	$325.00

FARMERSVILLE EQUIPMENT INC.

WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS — HOMELITE - ECHO - HARSH - OMAHA STANDARD

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

Hours: Mon., Tues., Wed. & Fri.
7:30 A.M. to 5:30 P.M.
Thurs. to 8 P.M. Sat. till 3 P.M.

VISA

FARM EQUIPMENT

FARM EQUIPMENT

MAKE MONEY

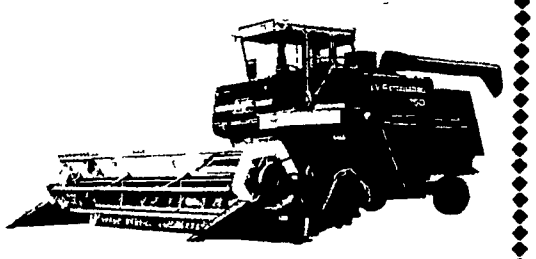
Bag your silage
Be first
Order now - pay later
Save building that next silo.
Check feeding value
Going over great in states already bagging
Also dry grain storage without spoilage
Take action - save waiting time - lease buy
(Ag Bag Equipment)

STAR SILO
R D 1, Stevens, Pa 17578
Ph Denver, Pa
215-267-7963

SUMMER SPECIALS

NH 273 baler w/thrower, like new
New Steel Constructed bale rack wagons in stock
NI 752 orange hay conditioner exc
NI 751 hay conditioner, nice
Brady hay conditioner
Zimmerman Elevators in stock
NH Long Hopper Blower
NH #8 forage wagon, 3 beater & roof
New 5' Bush Hog Rebel model, only 1 left List $750 Our price $595
NH corn heads, 2 row wide & 2 row narrow
NH 451 3 pt mower
NH 258 rake, brand new, special discount July only
Oliver 2 16 Raydex plow
NH gravity bin on running gear, excellent
Hesson 310 SP windrower
Hesston PT10 windrower

D J IMPLEMENTS
Located in Reistville midway between Myerstown & Schaefferstown along Rt 501
717-949-3074



SPECIAL SALE

MF 750 hydro combine, cab & air w/14' table, $49,500.
814-793-3731

BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

PUMPS

Irrigation, Industrial Manure, Waste Water
New - Used
Diesel, Electric, Gasoline, PTO

Reynolds Aluminum Pipe

Irrigation System Design
Portable, Wheel Reel Irrigator

EECO, INC.
4021 N. 6th St.
Harrisburg, PA 17110
717-238-9423

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

ATTENTION DEALERS!!!
We are distributing over a 10 state area for a company which handles renewed clutch discs and pressure plates for all the major lines of farm tractors and rebuilt TA units and TA parts for IH tractors We have no minimum on quantity and our prices are very competitive For dealer price list or more info please write or call

Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A, B C through 1586 also for most models of IH combines

Complete TA assemblies for 706-1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor and yourself and send the center housing to us **Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory**

Parts Locating Service Available
Please have part no when calling if possible
Selling parts from the following
Tractors - IH W6 340 350 460 400 450 560 660 806 1066 w/good hydro Pony motor for JD 720
Combines IH 203 JD 30 and 40 MF 35 Uni 701 705 710 Also Hesston self propelled 600 haybine

Parts shipped direct thru UPS & Parcel Post at No Extra Charge To Retail Customers

J. EDWARD LEAMAN
RD #1, Box 474 Willow St., PA 17584
717-464-2874

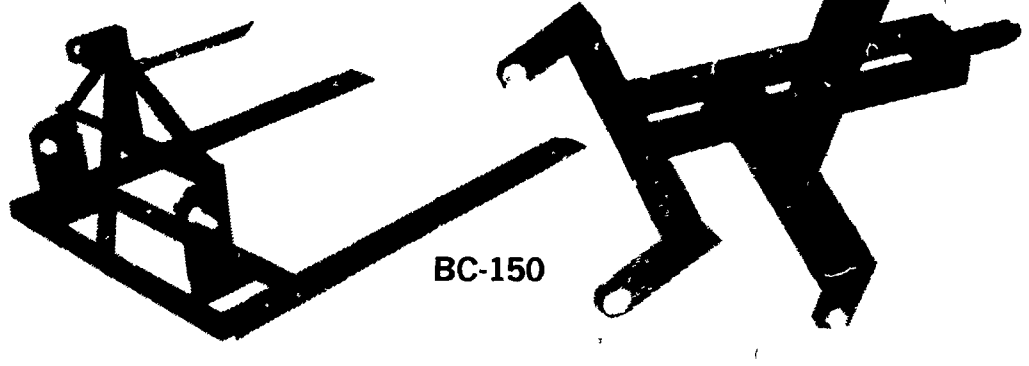
THE SOUTHEAST LINE

Lift Those 1500 Round Bales With BIG BALE HANDLERS

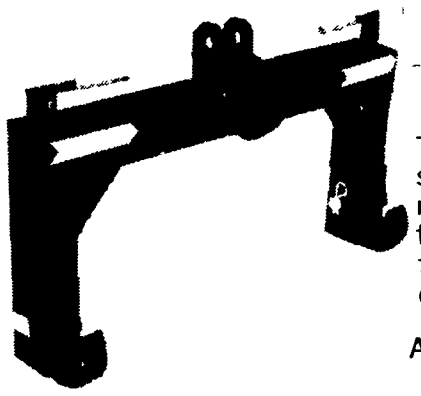
MULTI-PURPOSE HiLIFT
(Model HL-200 Wt-160 lbs.)

The SOUTHEAST HiLift is designed to fit a variety of category II implements.
When used with a bale carrier, the big bales can be stacked or loaded on trucks. When used with a rear scoop, wagons or trucks can be loaded with ease. The HiLift can be used with any standard Category II implement when a higher lift is desired.

IN STOCK NOW



BC-150



CATEGORY II QUICK HITCH
(Model QH-200)

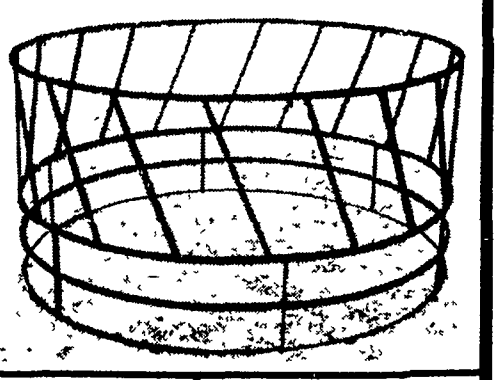
The SOUTHEAST line of quick hitches feature high strength "square" steel tubing for greater torsional rigidity The hooks are solid one piece flame cut parts for longer life and greater strength. The hitches are fabricated with extra large gusset plates for added overall toughness.

A Good Heavy Duty Unit for only **$261.35**

MODEL RF-15 ROUND FEEDER

The SOUTHEAST Round Feeders are ruggedly constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% utilization of feed can more than double your feed dollars.

Sale Price **$208.50**



In Stock... The All New
MODEL 8440 MORIDGE Hi-CAPACITY GRAIN DRYER

★ Buy at a good savings NOW!
★ 405 Bushel
★ Call us for the outstanding characteristics and specifications on this dryer.

We Have A Good Used GEHL 630 Forage Box

6x14, 3 beater w/ roof on 8 ton Gehl gear w/11Lx15 tires
IN STOCK
JUST TRADED

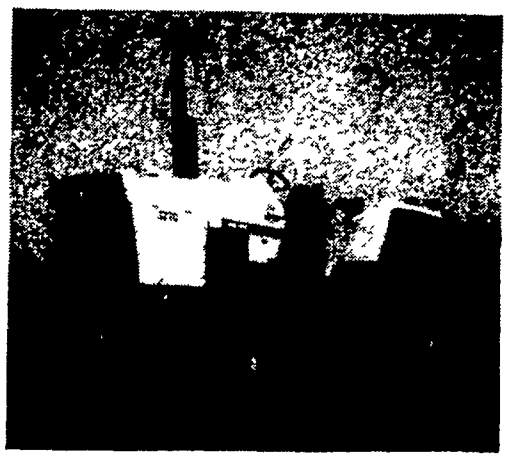
case IH

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

SEE US NOW FOR EXPERIENCED SERVICE PERSONNEL IN MODERN SHOP FACILITIES

We Service IH And Many Other Makes. Also, We Have Loaner Tractors Available While Yours Is Being Worked On.

NOTICE . . .ALL THESE TRACTORS HAVE INTEREST FREE FINANCING, NO PAYMENTS TILL JAN. 1, 1982



LIKE NEW CASE 1270 DIESEL TRACTOR

On-the-go powershift, approx. 295 hours, 135 H.P.,

ONLY $18,700

No Interest or Financing till Jan 1, 1982

128 HP frame, roll protective, 8 speed syncro mesh, 11 00-16 frt tires, 18 8-38 rear tires, 2 remotes, 540-1000 RPM, vinyl seat, ether start, like new with only 44 hours, approximately 10 month drive line warranty left $22,500

Case 870 Diesel, Power Shift Tractor 1845 original hours, 540-1000 PTO, approx 85 H P, 18 4x34 rear tires, 11Lx15 front tires Only $8,750

Deutz 9006, Diesel tractor $7,900

Farmall 460 TA Fast Hitch, Good Running Order $2,500

MF 1135, approx 400 hours since overhaul, cab, heater, nice condition

Case 1070 Diesel Tractor, cab, heater, power shift, new 20.8x38 rear tires, front end wgts, approx. 890 hours, original. . . . $15,800

Neufield Model 460 Diesel, 3 pt Hitch, P.S, 16 9x30 Rear Tires, excellent, Good running order $1,750

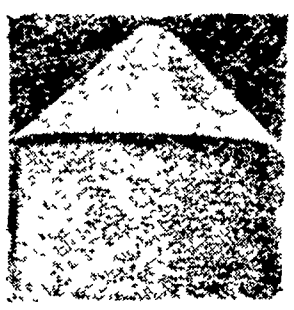
Case 530 gas, Draft-o-Matic 3 pt Hitch, P S, wide front, triple range drive, good rubber

INVENTORY CLEARANCE ON WEATHERED UNITS PLUS A SPECIAL DISCOUNT IF YOU TOW AWAY FROM OUR LOT.

Call For The Best Deal Ever

6"x27" PTO, 3' down spout
8"x34' Electric, 3' down spout
8"x53' PTO, 3' down spout
8"x60' PTO, 5' down spout
10"x51' PTO, 3' down spout
10"x61' PTO

BEHLEN CORN CRIBS



Model EXL 115
1515 Bushel
Plus extra area in Roof

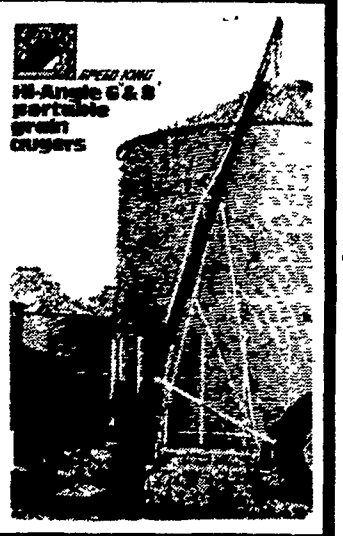
CALL US FOR OLD PRICE INVENTORY WHILE THEY LAST

NOTICE!

WE STOCK GEHL AND CASE PARTS

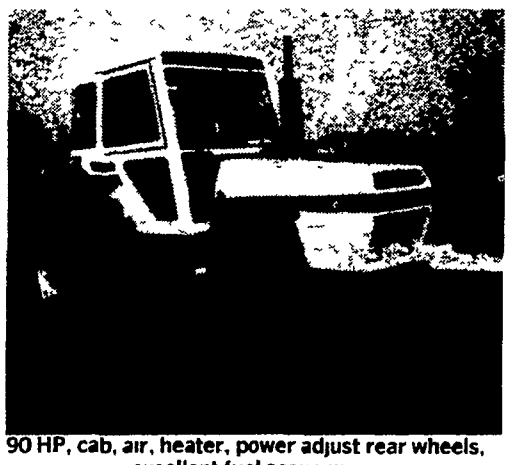
We Ship Anywhere By UPS To Your Door

SPEED KING AUGER TRANSPORTS WITH FLEXI-BOOT HOPPER



Stop By and See The NEW CASE 1690

6 Cylinder Diesel Tractor



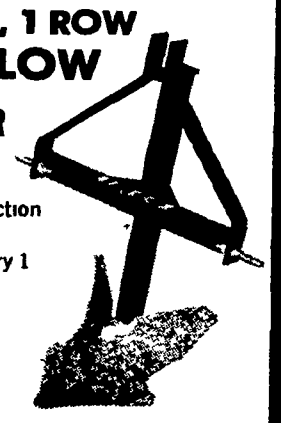
90 HP, cab, air, heater, power adjust rear wheels, excellent fuel economy

FOUR SPEED ON THE GO POWER SHIFT TRANSMISSION WITH THREE RAMPS

★ Trade up now with no interest or payments till Jan 1, 1982

They Do Work!

The 3 PT. HITCH, 1 ROW POTATO PLOW



HEAVY ANGLE TOW BAR

Features:

- FRAME - Welded Construction
- SHANK - 1" x 4"
- HITCH - Standard Category 1
- BUSHER SHAPE

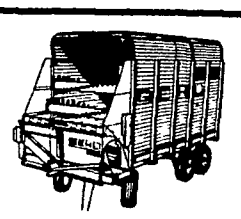
Our Low Price

$97.85

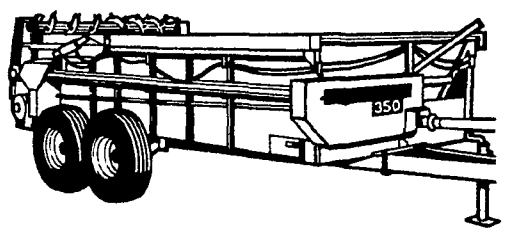
GEHL FARM EQUIPMENT

FORAGE BOXES IN STOCK

The Smooth Unloader



SMOOTH SPREADING...



THE KNIGHT SPREADER

Equipped as follows: top beater, endgate with dual cylinder hose to tractor, Gratz double web-worm gear drive, copper-bearing corrosion resistant box, tandem on 10:00x20 tires

New 1 Only at $5609 our lot AT OLD PRICE

Buy this heavy duty spreader and that will be the last manure spreader you will have to buy for many years! Why? Because of copper bearing steel to resist rust, heavy under carriage, Gratz 4 channel Web, no paddles to replace with auger ripper wide spread which also gives a finer more uniform spreading. No more big piles of manure laying around in your field. Buy now and end your spreader problems.

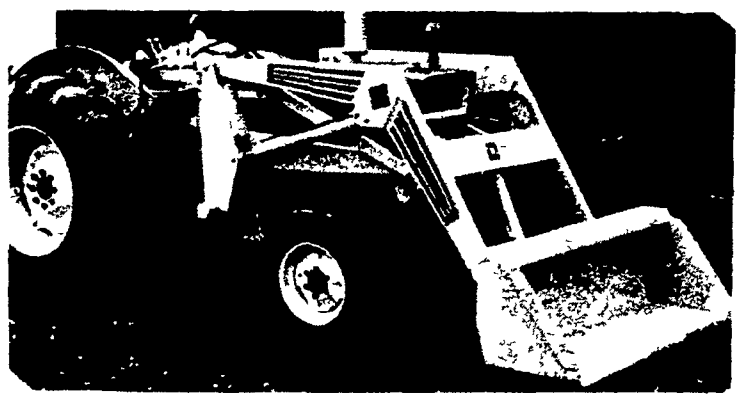
We Have Over 15

NEW and USED SKID LOADERS

IN STOCK

Priced From $2,620

Come and Take Your Pick!



2 & 22 LOADER

- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save.

FROM THE ORIGINATOR OF THE QUICK-ON, QUICK OFF LOADER.

IH Model 2350

MOUNT-O-MATIC LOADER

With 7 foot Large Material Bucket and 72" Fork With Mounting Brackets To Fit IH 706 to 1586

$2,250

NEW IDEA CUT-DITIONER

MODEL 272

7 ft. Cutting Width

$1,450

Like New Case Model 446 16 H.P. Twin Cylinder

RIDING MOWER

With Heavy Duty 44" 3 Blade Mower Deck, Hydraulic Drive

$2,580

Also 54" Wide Dozer Blade . . . $386

Like New Roper 14 H.P.

RIDING MOWER

With 42" mower and also 32" width snow blower

$1,460

We also can provide parts and service for this unit

BRAND NEW SPECIAL OF THE WEEK

DEMONSTRATOR

GEHL MODEL 4300 SKID STEER LOADER

With The Following Features:

- Self leveling loader
- Hydrastatic drive
- 30 hp engine
- 65" bucket
- Traction tires
- TRADE-IN ACCEPTABLE

AVAILABLE NOW AT A PRICE YOU WILL LIKE!

Good Used

DUAL WHEELS

50% Tread, 18.4x34 size, new hardware

$674

Good Used

SAUDER FRONT END LOADER

With Large Material Scope

$210

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705

Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

★ Call Before 5 P.M. For Evening Parts Pickup
★ We Ship Parts Same Day, UPS Anywhere

FARM EQUIPMENT

MF

SPERRY NEW HOLLAND

NH TR70 Combine w/Cat Dsl, 6R C H 15' Grain Table (Demo) $2500 CASH BONUS or Free Finance Til Sept. 1, 1981

USED EQUIPMENT

MF 1105 tractor w/cab
MF 40 Gas Tractor
MF 165 Tractor
NH 36 flail chopper
NH 469 haybine
2-PT10 Hesston mower conditioners
Ford 535 Hay conditioner
AC 390 9' haybine
JD 480 9' haybine
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
JD 6 ton running gear
Starline tank spreader
JD 4B-16" mtd plow
MF 74 3B-16" plow
JD mtd 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

NEW TRACTORS

JD 2940
JD 4040
JD 4240
JD 4440

NEW MACHINERY

JD 3940 Forage Harvester	$7000 N/T
5½' Pickup Head	$1255
2-Forage Head 2R RC 38"	$2000
1 - Century 300 gal sprayer	
JD 445 Spreaders	
JD 450 Spreader	
1 - JD 660 Spreader	
2 - JD 680 Spreaders	
JD 235 17' Disc	
JD 235 19' Disc	
JD 1207 Mower Conditioner	
JD 1209 Mower Conditioner	
JD 950 12' Roller Harrow	
JD 950 15' Roller Harrow	
JD 900 5 Standard Ripper	$2500
JD 700 Grinder-Mixers	
JD 1250 Plow 3x16	$1800 N/T
JD 1250 Plow 4x16	$2450.95
Several model 2600 & 2800 plows, 3 bottom, 4 bottom 16" & 18"	

USED MACHINERY

IHC 100 Hydro Tractor 1974, motor overhauled, & hydro	$15,000
JD 343 Corn Head	$2500
JD 7000 Planter, 6-row narrow	$7995
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
IH 56 4 Row Planter	
JD 43 Corn Sheller	
Oliver 520 Baler & Thrower	$975
1-V802 Lely Roterra	$2000
IHC 470 Disk 12 ft.	$1500
Massey Disk, 12 ft.	$1200
JD 145 Plow, 5B 16"	$1800
JD 8350 18x7 Drill Single Disc	$3000
MF 750 Combine 14' Grain Head & 4R Corn Head	$30,000
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine	

WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-966-3778

JD Agricultural Dealer and CP

FARM EQUIPMENT

SPECIAL OF THE WEEK

Demo
BADGER LAGOON PUMP
List $4,690
SPECIAL $3,000

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd Lancaster, Pa
Ph 717-299-2536

FARM EQUIPMENT

USED EQUIPMENT

SWEET CORN HARVESTERS
I have access to several used processing units for N.I. Uni System Tractors.
It's the one that is built in New York.

IHC 1086 Tractor, Cab & Air, 175 hours.
(Call before you come to look)
Uni 705 Diesel w/737 Husker and 731 4 Row Head. Will sell separate
IHC 503 Diesel ~~SOLD~~ combine w/800 series heads
AC D17 Series 4 Tractor w/snap coupler
MM 602 Diesel Tr~~SOLD~~
IHC 2350 Mount-O-Matic loader w/8' bucket, excellent
IH 615 Combine
MF 410 Combine

RAYMOND B. LEAMAN
Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville off Rt 222 take Brenneman Road at Graybill Bros Garage, Refton

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTOR SPECIALS

	List	Sale With Rebate		List	Sale With Rebate
IH 1086 diesel w/ cab & air, 20.8x 38 tires	38,011	27,500	IH I-584 diesel, 14.9x28 tires	14,385	11,000
IH 484D w/14.9x28 tires	12,608	10,500	IH I-684 row crop, 15.5 x 38 tires	15,732	12,400
			IH 884D RC w/TA	20,165	14,650

NEW EQUIPMENT SPECIALS

IH 2250 loader w/ 60" bucket, waiver till 1-1-81	3,292	2,800	IH 35 rake, hyd. drive	2,281	1,775
IH 35 rake, ground drive	2,195	1,700	IH 56 forage blower	2,236	1,950
			IH 120 forage box, 12 ton chassis	5,988	4,950

USED HAY EQUIPMENT SPECIALS

IH 990 9' mower conditioner	2,650	2,350	IH 37 baler w/thrower	1,950	1,800
NH 479 9' haybine	1,850	1,500	IH 15 hay rake, 5 bar	500	375
NI 120 7 bal. hd. mower	650	550	Grove forage box w/ chain conveyor	1,150	950
IH 46 baler	1,150	1,000	Van Dale forage box w/roof	1,350	1,250
IH 27 baler w/ thrower	1,850	1,500	IH 56 blower	1,250	1,150
IH 430 baler w/thrower	2,850	2,650			

USED HARVESTING EQUIP
IH 234 w/Sheller
IH 76 Combine (Pull)

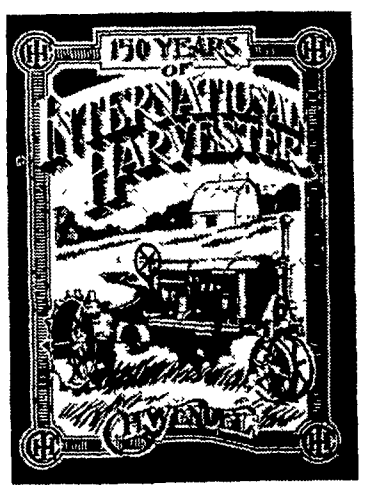
USED TRACTORS
IH F-230 w/loader, 2 pt. (nice)
IH F-544D w/3 pt WF
IH F-300 w/2 pt
(3) IH F-M (Any Price Range)
Ford 9N w/3 pt, coming in

USED TILLAGE
IH 470 16' wing disc
IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt

MANURE SPREADERS
IH 530
NI 201

USED PLANTING EQUIP.
IH 400 4R Planter
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner



NEW! "150 YEARS OF INTERNATIONAL HARVESTER"

The only Book of its kind Covers the following
- ALL TRACTORS UP TO 1980
- EQUIPMENT
- STATIONARY ENGINES
- TRUCKS
- ONLY SERIAL NUMBER REFERENCE LIST EVER COMPLETED ON INTERNATIONAL HARVESTER TRACTORS
- 2000 PHOTOS, 416 LARGE PAGES HARD LEATHERETTE COVER $26 95 POSTPAID

"ENCYCLOPEDIA OF AMERICAN FARM TRACTORS"

- COVERS TRACTORS FROM 1890's to 1979
- COMPLETE ROSTER OF ALL COMPANIES THAT EVER COMMERCIALLY PRODUCED TRACTORS IN THE U S AND CANADA
- SEPARATE SECTIONS DETAIL DEVELOPMENT OF TRACTOR COMPONENTS, SUCH AS IGNITIONS, ENGINES, WHEEL STYLES, ETC.
- 1500 PHOTOS, 352 LARGE PAGES HARD LEATHERETTE COVER $26.95 POSTPAID

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NI 701 Uni w/Cab
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NI 729A Sheller
1- NI 729 Sheller
2- NI 738 Narrow Row Corn Heads
NI 723 2 Row Corn Head
2- NI 710 Combines
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NI 726 Husking Bed w/720 Corn Head
NI 727 Husking Bed
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NI 1 Row 323 Corn Picker
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NI 2 R Mtd. Picker w/12 roll husking bed
AC Model A Gleaner 12' Combine
JD Hay Flutter
AC 4 Row 3 pt. Cultivator
Gehl 600 Harvester w/2Row W or N Corn Head and Pickup
Fox 2000 Harvester w/2R corn head & hay pick up
Owatonna Grinder-Mixer
Gehl 115 Grinder-Mixer
Gehl 120 Hydraulic Drive 1000 RPM Grinder-Mixer
NH 1880 SP Harvester w/cab, 3RN Corn head and hay pickup
3-Gehl FB87 PTO Hopper Blowers
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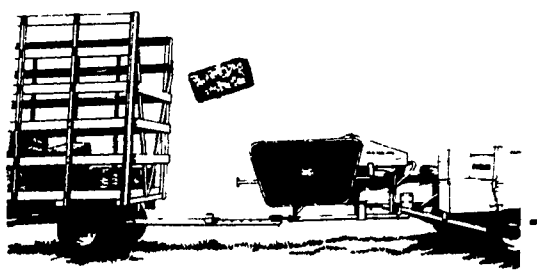

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NH 1900 Forage Harvester A New Giant, 250 H.P. Strong

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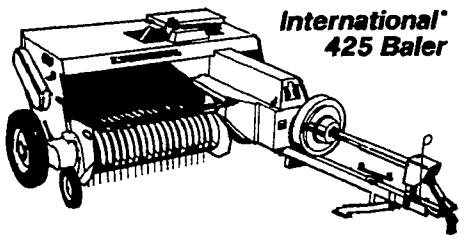

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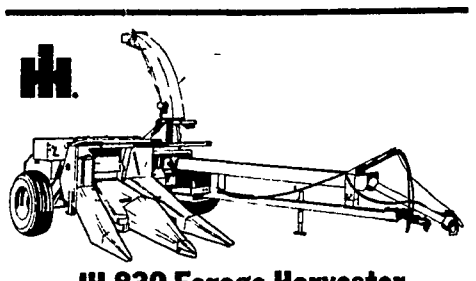

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Oliver 77 Tractor
Farmall Cub Loboys w/Rotary Mowers
NH 519 Spreader
NH 510 Spreader
NH 362 Tank Spreader
NH Super 717 Harv
NH 707 Forage Harv. 3 Pt Hitch
IH 650 Harv
Gehl Tandem Axle Forage Box Wagon
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IH 56 Blower
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IH 37 Baler w/Thwr
IH 46 Baler
NI Rake
IH 15 Hay Rake
NH 489 Haybine, Ex.
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NH 276 Baler
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IH 400, 4 Row, Excellent
J.D. 494A, 4 Row
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IH 1190 Mower Conditioner
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1420 Combine
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All Combines Finance & Warranty Waiver Until 9-1-81
986 Farmalls-new model-cab, air, diff lock, old price
(2) 1086 Farmalls - 1 old code, 1 new code, cab, air, diff lock
3388, fully equipped
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484 Utility
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- IH 4130, Rebuilt, new tires
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IH #15 rake, painted, new rubber teeth
175 McCurdy gravity box on good Grove running gear, $675
IH D 1066, year-round cab, heater, 2 valves, 20.8x38 rubber, good cond.
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NI 319 mt. picker for 656, 460, M, etc
IH mtd. 234 Picker for M, 560, 656, Exc. Cond.
IH 830 Forage Harvester, 4 yrs. old, good cond , hay head, new corn head
JD 13x7 FBB Grain Drill, Exc. Cond.
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NH 469 Haybine
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Moline drill, 16x7, combination, nice
Oliver 18' wing disc
IH 470 12' disc
JD 14' rotary mower
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JD FBB grain drill, good cheap drill
NH Super 717 1 row corn hd, hay pick-up
NH 273 baler, like new
H Farmalls (2)
JD 2510 gas tractor
B 414 diesel, 3 pt., overhauled, nice
NI 213 spreader, new web
Super C w/cultivators, belt pulley
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IH 449 planter, 4-row, nice, good cond.
MF 4-row planters, 50 acres
JD 34 harvester, 1 row head, new knives

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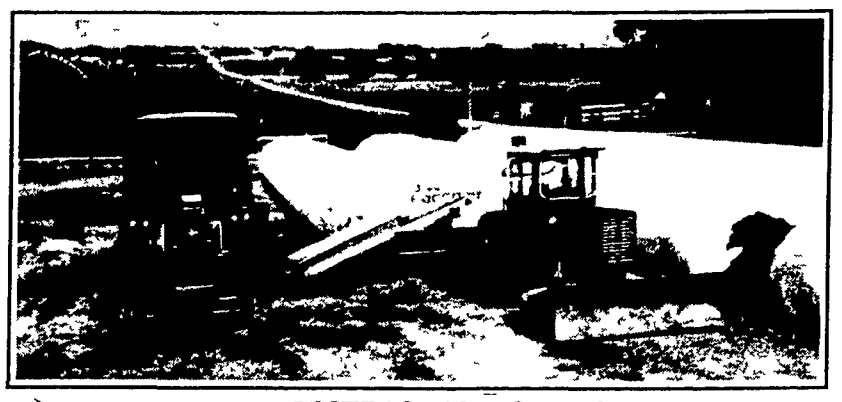

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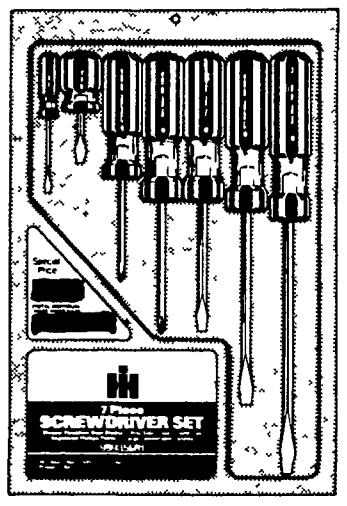

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6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
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6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D. BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
6560 IH-490 24' Disk
4969 Miller 12' Disk, Rebuilt
5538 Pittsburgh 10' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
6515 Dunham 42319 Wing Cultipacker
6651 Deere 210 Disk 12'
6722 King Rock Disc 12'
6753 Lely 10' Roterra

PLANTERS & DRILLS & SPRAYERS

2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J.D 494 Cornplanter
6790 Deere FBB 17x7 Drill w/Fert & Grass Seed
6755 Deere FBA 15x7 Drill
5321 IH #10 Grain Drill
5080 J D 20x7 Drill ModelB
2038 Bean 40 RC Sprayer w/Truck
6426 IH 510 Drill 24x6 Plain

TRACTORS

6595 IH - F1586D w/30 5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6452 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5660 F706D Tractor
6186 IH 656 Hydro Tractor
6413 1-464G w/Dunham Loader
5642 F444 Tractor
6035 Case 2670 Tractor 4WD Tractor
6238 Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
6432 IH - F1586D, 20 8x38 Duals
6435 IH 1066 Hydro
6403 MF 1805 4WD w/Blade
6580 IH F 1086 D w/Cab
6526 IH 125 Series C Crawler, Loader
6510 Ford 4000D SU
6180 IH - F886D w/Cab, 400 Hrs
6594 IH-4366 4WD
6561 IH-F1566 w/cab
6702 IH-F544 D Hydro
6714 IH-424D Tractor
6795 IH-240 w/Loader
6494 Case 900B Tractor
6781 IH-F450 Gas

HAY & FORAGE

6537 NH 469 Haybine, 9'
4263 IH 990 Mower Conditioner, 9'
6566 Deere 3800 Harvester
6138 Fox Super D 162 Harvester, Self Propelled
5752 IH 650 Harvester, Recutter
4405 IH 650 Harvester, Recutter
2319 IH 650 Harvester Direct Throw
5444 NH Super 717 Harvester
6743 Hesston 1090 Mower/ Conditioner, like new
5445 NH 717 Harvester
6688 IH 350 Harvester
5814 Deere 737 Rotary Cutter, 13'
6423 Lilliston, 6' Rotary Cutter
4976 NH 320 Baler
5776 Bushog 9' Rotary Cutter
5371 IH 56 Blower
5360 Deere 65 Blower
5775 IH 110 Forage Box, 16'
6090 IH 110 Forage Box, 16'
6091 IH 110 Forage Box, 16'
6802 NH 1034 Stackliner Baler Wagon

MISCELLANEOUS

6783 Artsway 700 Mixer w/Scales
6334 Leon 8600 Rock Picker
6740 IH 85 6R Frt Mdt. Cult.
6319 IH 55 10 Shk. Chisel Plow w/Consertil

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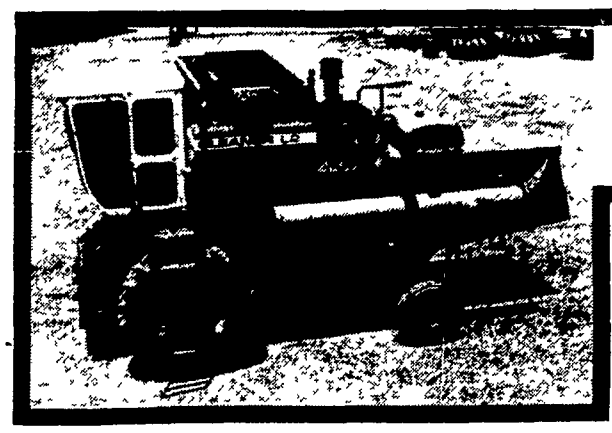
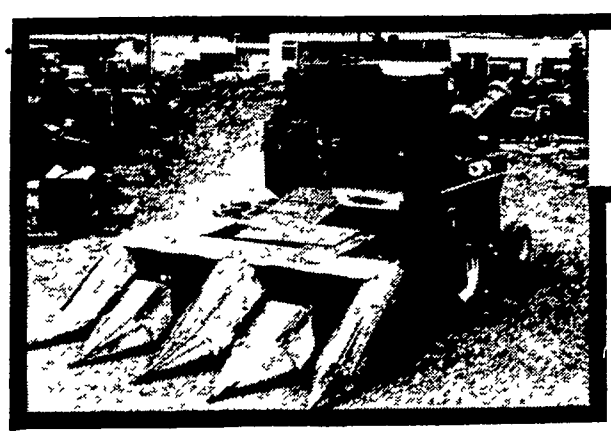
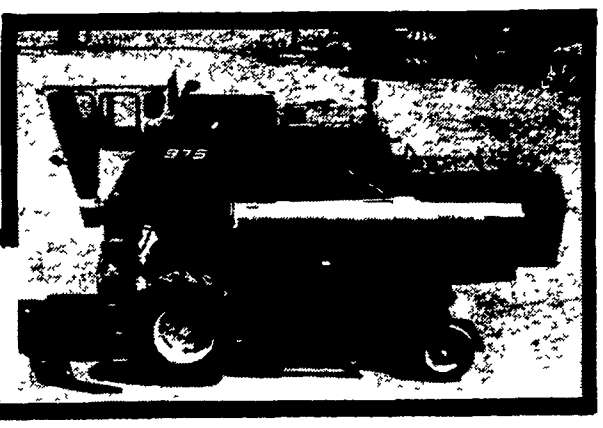


L2 GLEANER COMBINE
With 6 Row Corn Head & Platform

INTERNATIONAL 915 COMBINE
28Lx26 Drive Tires, 12.4x16 Rear, Necco Grain Saver, 1340 Hours, Moniter.



NEW IDEA UNI SYSTEM
704 V6, 717 Combine and 730 4 Row Wide Cornhead, 1140 Hours.



975 NEW HOLLAND COMBINE
With 2 Row Corn Head

SAVE BY OWNING ONE OF THESE COMBINES

BECAUSE:

...These Combines are Fully Depreciated
...These Combines Are PRICED RIGHT
...These Combines Were All Trade-Ins, (We'll Give You The Name Of The Previous Owner So You Can Call Him)
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5928 IH 815 Combine
6126 IH 503-C Combine w/430 w/n Cornhead, w/13.5' Grain Platform
5536 J.D. 6600 Diesel - Gear Combine
6389 J.D. F105 Combine
6387 J.D. 95 Combine, Blown Engine, $1,800.00, As Is
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
6098 NH 975 Combine
5838 NI 704 V6 Uni-System w/717 Combine
5886 AC Gleaner L2
6816 JD 6600 Diesel, w/444 Cornhead & 14' Platform

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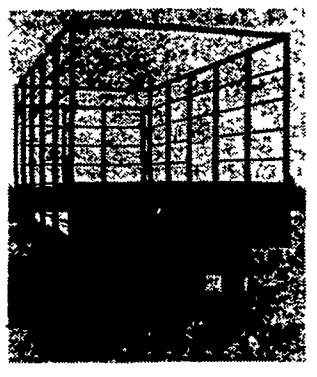

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JD 4440 cab, ps, 1600 hrs. $28,500
Satoh Beaver 15 hp diesel w/54" mower, 1 yr old $4200
JD 730 diesel, tricycle . . . . . Coming in
Kubota 12 hp. diesel w/mower & snow blower . . . . . coming in
JD 630, tricycle . . . . coming in

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JD 95 Cab - 4xN - Grain $10,900
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JD 6620 side hill combine, 1980 model w/16' platform $61,300
JD 42 pull type $1400
JD 643 corn head $10,900
JD 40 . . . . . coming in

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Pittsburg 4x16 3 pt. plow $550
MF 4x16 3 pt. Plow. . . $500
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Bush Hog 10' Chisel Plow $1000
White Off-set disc, 11' . $4600

PLANTERS:

IH 6 Row 400 Cyclo w/Mower. . . . $2300
AC 500 4 row $800
2 Oliver 540 4 row . . . $600 ea
JD 1250 6 row plateless w/monitor $1900
IH Cyclo 4 row no-till . . . $2500
JD 1240 plateless $1200

FORAGE:

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IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup. $1400
JD 3800 Long Tongue for Parts $1100
Lamco Wagon $800
JD 716 Forage Wagon, Loaded w/12 ton Chassis . $5000

HAYING:

Mayrath 34' elevator . . . $900
JD 16A chopper . $1800
NI 290 mower-conditioner $1800

MISCELLANEOUS:

JD 680 Manure Spreader, 400 bu., like new . $5900

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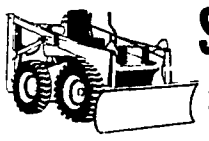
SCHAEFFERSTOWN EQUIPMENT



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Case 580B 1975 w/cab $15,500
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Case 580 Dsl $9000
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Cabot Hyd. Excavator Det Dsl. $8500
Ford Backhoe $5400

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Cat 46A real clean $42,000
Cat D4 40A Good $11,500
Cat D8 2U Cable $8500
Cat D6, hyd. $6500
Letourneau pull pan $1600
JD 350 6-way angle Blade New Undercarriage $9000
JD 1010 Dsl. w/winch $5000

CRAWLER LOADERS

IH 175 4 in 1 bucket, clean $10,500
JD 450 $8250
JD 450 w/ROPS, good $12,000
Cat 955H 60A $10,000
IH TD6, 4-in-1 bucket, excellent cond. $8500
IH T340 Dsl 4-in1 Bucket w/ripper $7000
Cat 977H w/ripper $18,500
AC HD7G $6500
AC HD5 $4200
AC HD5 $3450
Case 1150 4-in-1 bucket $6000

AIR COMPRESSORS

LeRoy 105 $3500
Jaeger 105 $2000
Chicago Pneumatic 125, O.H. $3000

ROLLERS

Fordlane Paver, ex. cond. $3100
3 Ton Tandem $2000
1 Ton Roller $2000
1 Ton Roller $1000
1 to 3 ton Virbra-Pac $2800
3 to 5 ton Huber Tandem $5000

SKID STEER LOADERS

JD 24 $4800

GRADERS

Huber Wargo Dsl. w/Cab $5000
Galion 118 Dsl. w/cab $6500

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1979 CMI Folding Hydr. Gooseneck 30 ton $29,500
9 Ton Tag-Along $1400
9 Ton Tag-Along $2000
9 Ton Tag-Along new heavy duty $5100
12 Ton Tag-Along $2000
12 Ton Tag-Along $2750
15 Ton Gooseneck, S A. $3500
25 Ton Gooseneck Tandem Axle Double Drop $5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch $1200
1 Ton Roller Trailer $800
New Trailers - All sizes and prices Call

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1975 Dodge ¾ ton 4x4 clean $3500
1965 Int. Dump S.A. $3200
1956 White 18' bed S.A $1800
1967 GMC ¾ ton w/utility box $800
1970 Chevy w/20' bed S.A. $2500
1975 Plymouth Fury 6 cyl. $2000
1973 Buick Riviera $1500
1969 Ford sgl axle dump, good $6900
1965 Ford ¾ Ton $450
Int Tandem Axle Dump $4250

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AC TL16 Diesel $7500
Hough 70, 4x4 3 to 4 yd. good $14,500
Hough 30, 1 yd. good $3500

MISCELLANEOUS

MF 180 Tractor $5250
Ford Corn Planter 2 Row 3 pt Ex $450
16' Dump Box excellent $2650
5 ft Rotary Cutter $465
Pavement Breaker 90 lb $350
3 pt Landscape Box $375
Assorted Loader Buckets
6 ft Angle Scraper Blade 3 pt $175
Myers Snow Plows Electric/Hydraulic/Angle $1000
17' Dico BlockUnloader, Complete $2500
Davis Trencher w/Backhoe 30+4 $7500
Davis Trencher 30+4 $5000
Davis Trencher 300+ $3000

BIG REBATES

Effective May 11 to July 31, 1981...

TRACTOR MODELS	IH RED* POWER $	CASH REBATES
986 1086 1486 1586	4 500 6 000	3 000 4 000
3388 3788 3588	7 500	5 000
4388 4788 4588	10 000	7 000
140 274	450	300
384	750	500
484 & 584	1200	800
684 84 Hydro 784	1350	900
884	1500	1000

COMBINES Or Choice Waiver to 9-1-81		
1440 1460 1480	5 000	3 500

IMPLEMENTS	IH RED* POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

SPECIAL...
Preferred Customer Rebate on 1420 Combine
$7,000
Call For Details

TRACTOR SPECIALS...

IH 1086 Diesel, Cab & Air, 24 5x32 Radials, Fully Equipped With Front & Rear Weights, Current List $43,383.84 . SALE ~~$32,500~~
• **With $3,000 Rebate...Your Cost . . $29,500!**

IH 186 Diesel Hydro, Cab & Air, 18.4x38 Radials, Fully Equipped With Front & Rear Weights List $40,937 . . . . . SALE **$31,750**

IH 86 Diesel Hydro, With ROPS, 2nd Valve, Current List $24,687 . . . . . SALE **$19,900**

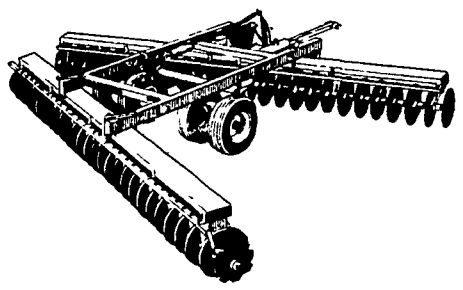
- 4586 Diesel, 4 Wheel Drive - Old Price!
- 3788 Diesel 2+2
- 986 Diesel • 584, 684 Tractors

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981

EXTRA SPECIAL TRACTOR DEALS NOW TIL JULY 31st... CALL FOR PRICES TOO LOW TO LIST ON IH 100+ HP TRACTORS!

TILLAGE:

735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. rEset
596 Disc Harrow, 22'5" (13,500 lbs)
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price!
415 Packer Mulcher, 13', 12' & 10'
6013 13' Consertill
5513 13' 3 Pt Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding



Early Riser Planters
Faster, earlier planting... early rising crops.

PLANTING EQUIPMENT:

★ 5100 Grain Drill, 24x6 with Ga. Wheels
★ 800 Early Riser Planters, 4-Row Plate & Air

CULTIVATORS

★ 183 4-Row Wide Vibra Shank Cultivator
★ 183 6-Row Narrow Vibra Shank Cultivator

SPRAYING EQUIPMENT:

400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd Brakes - $3525!

MISCELLANEOUS:

(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders
IH 5000 Diesel Windrower With 12' Head OLD PRICE!

IH PARTS FEVER

IT'S CATCHING!
We're giving a
10%
rebate on any IH agricultural equipment Part or Accessory for one week only
July 20 through July 25

What a time to buy! During IH Parts Fever you can load up on any and every IH agricultural equipment part or accessory item you need and get a rebate check back from IH for 10% of the total amount (Your purchase must total $500 and your check will come directly from International Harvester Company) This offer good at participating dealers only
So plan now. IH Parts Fever is one fever it pays to catch!

Make up your shopping list, and get set to save NOW!

CASH PRICES ON IH BALER TWINE

IH 7200 Sisal . . . . . $27 Per Bale
IH 9000 Sisal . . . . . $28 Per Bale
IH 7200 Plastic . . . . . $21 Per Bale
IH 9000 Plastic . . . . $19.95 Per Bale

10 Bales or More- LESS 50¢ Per Bale!

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CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

SPECIAL JDFP WAIVER PROGRAM ON NEW JD TRACTORS AND ALL USED TRACTORS AND IMPLEMENTS UNTIL 3-1-82

New Tractors

JD 4440 quad, SG
JD 4440 PS, SG
JD 4240 quad, SG
JD 4240 PS, SG
JD 2940
JD 2640
JD 2440
JD 2040

Used Tractors

JD 3010 RU dsl w/46 A loader
JD 3020 dsl.
JD 2520 gas
JD 2440 HU dsl., hi-lo
JD 2630 HU dsl.
JD 2010 R gas
MF 65 dsl. w/ldr.
IHC 656 dsl. hydro.
IHC Cub w/mower

JDFP WAIVER PROGRAM ON NEW JD & USED HAY EQUIPMENT INCLUDING FORAGE HARVESTERS & WAGONS UNTIL 1-1-82

New Balers

JD 337 w/30 ejector
JD 336 w/30 ejector

Used Balers

JD 336 PTO
JD 336 engine
JD 346 PTO w/30 ejector

New Forage Harvesters & Equipment

JD 5820 s-p, cab, power wh. dr.
JD 3960 Hay p-u, 3RC N
JD 3940 hay p-u, 2 RC N
JD 16A chopper
JD 716A forage wagon
JD 6500 blower

Used Combines

JD 7700 w/14' plat.
JD 6600 w/444 CH

New Mower Conditioners

JD 1207 mower/conditioner, 7'
NI 272 cut/ditioner

Used Mower/Conditioners

JD 1209 9'
Hesston PT10 9'
MF 81-9'
NI 270 cut/ditioner 7'

Used Forage Harvesters & Equipment

JD 38, 2RC N
JD 16A chopper
JD 15A chopper
Farm Hand 87B grinder/blower
AC forage blower

Used New Idea Uni-Equip.

708 dsl. power unit, like new cab w/air, hydrostatic
707 dsl. power unit, cab
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

SPECIAL PRICES ON ALL NEW IDEA SPREADERS & HAY TOOLS WITH FACTORY REBATES

New New Idea Uni-Equip.

709 dsl. power unit, 4 WD, cab, air
838 husk bed
841 feeder house
743N 3 RN corn head
713 grain platform

New Corn Pickers

NI 323 1 row
NI 325 2 row-N

Used Corn Pickers

NI 310 1 row
NI 309 1 row snapper

New Rotary Cutters

JD 506 5' util. 3 pt.
JD 606 6' util. PT

New JD Utility Tractors

JD 950 w/75 Loader
JD 750 w/MF WD

Used Lawn Tractor & Equip.

JD 400 w/60" mower
JD 110's, 112's

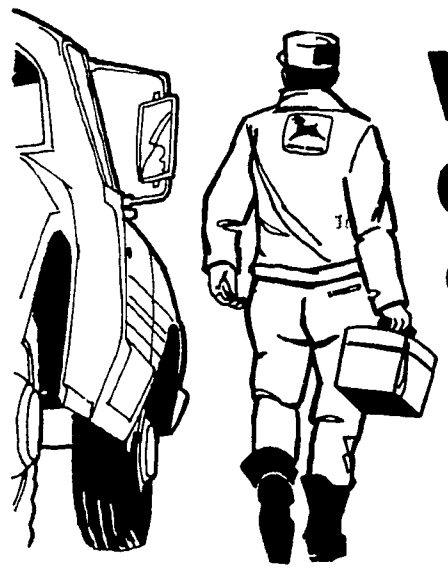
JDFP WAIVER PROGRAM ON NEW JD & USED CORN PLANTERS UNTIL 4-1-82

New Planters at Old Prices

7000-6R 30 conservation
7000-6R 30 regular
7000-4R 30 regular

Used Planters

JD 1440 4R, no-til
JD 1240 plateless
JD 494A, 4R N
Ford 309, 4 row
Oliver 540 4 row



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Protect your machinery investment with top-quality John Deere oil and lubricants. They're formulated to keep your machines running right.

OIL SALE — JD "Plus 4" Automotive 10W40 Engine Oil
5 gal. Reg. $23.75 SALE $21.25

SPECIAL PRICES ON USED EQUIPMENT

NH S67 PTO Baler	$ 395	JD 210-32 disc 11'5" harrow	$ 2695
Massey Ferguson 300 combine - cab w/13 ft. - 3 RW	$ 4995	JD 220 48 disc 17'1" harrow, new blades	$ 6250
NI 324 2 RW Picker	$ 4895	NH 707 3 pt. harvester w/1 RC	$ 1250
NI 323 1 R Picker	$ 1995	JD 3800 w/2 RC	$ 3250
IHC 234 2 R Mt.	$ 950	NI 224 10 ton spreader, PTO	$ 3795
JD 17x7 FB Drill	$ 795	JD 54 spreader, PTO	$ 1350
JD 15x7 FBB Drill	$ 1495	IHC 550 spreader	$ 1195
NI 176 36' elev.	$ 895	IH 214, 195 bu. spreader	$ 2795
JD 25A flail mower	$ 850	NH grain box w/NH gear	$ 675
Ford 7 ft. pull rotary cutter	$ 495	NI 600 forage box	$ 695
JD RW 28 disc harrow w/new blades	$ 695	AC forage box	$ 595
JD BW 36 disc 14' harrow	$ 1295	JD 115 w/roof (2)	Each $ 1595

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FOR SALE
Owatonna Bobcat 1200
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1 IH 234 corn picker, set up for sweet corn with spare parts.
2 FMC 2 row sweet corn harvesters with spare parts.
2 Osborn 3 ton dump carts
1 IH 560, 6-16 btm plow w/on-land hitch, trash plates and ball bearing coulters

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FARM EQUIPMENT

1972 622 Ford combine, 12' grain head 3 row wide corn head $5500
1964 E Gleaner combine, 10' grain head, 2 row wide corn head $5500
1968 G Gleaner combine, 13' grain head, 4 row wide corn head $9500
5-16" Ford 130 semi mounted plow $1500
1978 550 Ford TLB $1950
1971 4500 Ford TLB $9995
1979 AC 5040 tractor, 205 hrs. $6800
1973 Ford 3000 $3800
871 Ford tractor & loader $3200
IHC tractor mower, plow & cult. $1795
New Ford 134 21' chisel plow Special $6995
New Ford 138 soil saver 13'9" cut $6395
New Ford 670 forage harvester & 2 heads $10,800
New Ford 152-5-18 semi mounted plow $3895

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bobcat
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Oliver 1850
Farmall M

TILLAGE - PLANTING
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd Plow

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NH 68 Baler
NH 275 Baler
NH 1469 Self Propelled Haybine
NH 30 Ft Elevator
Oliver 620 Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NH 518 Spreader
JD 54 Spreader
Starline 180 Tank

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12 6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N H. L425 Loader
N H 310, 315 Balers
N H. 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
N H Spreaders - 513, 519, 679 & 800
Vicon 3 pt Fert. Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver

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- Case VAC
- Case 930 Tractor CK"
- Case 430
- Case 350 Crawler Dozer (New)
- David Brown 990 w Loader
- White 2 105 Tractor
- Oliver 1655 Tractor
- AC 175D Tractor
- AC B' Tractor

LOADERS
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

TILLAGE
- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

HARVESTING EQUIPMENT
- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Corn picker
- NI No 7 1-Row Corn picker
- Int Mtd Picker, 2 Row
- MF No 61 1 Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- N I 2 Row Narrow Pull Picker
- MF Chopper
- MC Chopper
- JD Chopper

HAY EQUIPMENT
- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- Side Delivery Rake With Steel Wheels
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI Hay Rake

MISCELLANEOUS
- Ford 4 Row Corn Planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 224 10 ton Spreader
- Potato Grader
- NH #354 Grinder Mixer

AVCO NEW IDEA
SPECIAL!
• Good Prices on New NI Spreaders
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"NEW" JOHN DEERE AGRICULTURAL INVENTORY CLEARANCE

STOCK NO	DESCRIPTION	REG PRICE	SUMMER SIZZLER PRICE
D-2 1500	JD 331 24' 2" Disc	$15307	$11795
E-6 0100	JD 750 Grinder Mixer	10523	7095
G-6 1500	JD 450 Manure Spreader	6658	5295
F-3 1600	JD 3R 30" Forage Head	6058	4295
D-8 1400	JD 2600 5-16 Plow	7373	4795
G-5 1300	JD 168 Loader	4090	2995
E 0 1100	JD 1610 16' Chisel Plow	4102	3095
G 6 1300	JD 40 Manure Spreader	3996	2795
D-9 0200	JD 534 9' Bull Dozer	3203	2295
H 0 0300	JD 25KV PTO Alternator	2371	1695
G-5 1000	JD 148 Loader w/72" Bucket w/tines	3264	2130
E 0 0800	JD 1610 12' Chisel Plow	2741	1795
E 0 0900	JD 1610 12' Chisel Plow	2741	1795
G 3 2100	JD 155 8' Rear Blade	2274	1495
G 4 1100	JD 143 Loader w/60" Bucket	2387	1595
A 5 0600	JD Quick Coupler	720	395

These prices are good only for stock numbers listed Each machine will be reduced $50 00 each week until sold

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'76 JOHN DEERE 6600 SIDE HILL COMBINE
With Cab, Air, Hydrostatic, 1100 Hours.
Excellent Condition
Choice of grain platforms and corn heads.

COMBINES
Gleaner, F Cab, grain platform, pickup reel
MF 510 Dsl. Cab, Grain Platform, PU reel, Real Sharp!
JD 3300 Cab, Platform and pickup reel
JD 4400 Diesel, cab, 13' platform, straw spreader (spin screen).
JD 4400 Diesel, loaded with extras, ALMOST NEW
IH 315, Cab, Hydro, 13' Platform, Very Good
JD 4400 SOLD Cab, 13' Platform w/Pickup Reel
Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS
JD 4520 D, Cab, AC, Powershift
JD 4430 Cab, Air & Quad
JD 4430 4 Post RG, Quad
JD 4320 Dsl. Cab, AC
JD 4230 D, Cab, Air & Quad
JD 4020 Dsl. WF Powershift
JD 4020 D, WFE, Powershift Side Console
JD 4010 Dsl.
JD 30 SOLD l.
JD 1020 Hi-Lo
IH 1456 D, WF
IH 1256 D WF
IH 1066 D w/loader
IH 1066 D w/cab, sharp
IH 966 w/Cab & Air
IH 856D, WFE
IH 826 Very Nice
IH 766D w/WFE
IH 574 w/2050 Loader
IH 656 Gas WF
IH 606 Gas WF Utility
JD 60

HARVESTERS
JD 35 w/2R Corn Head
NH 717 w/1R Corn Head
JD 16A Flail

MOWER CONDITIONERS
JD 1209
NH 479
NH 477, 7 Ft
NH 467, 7 Ft

CORN HEADS
IH 327 & 844
MF 24, 43 & 63
AC K238, KL 330, 430
JD 244, SOLD 443, 444, 643

BALERS
JD 336 w/Thrower
JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
NH 276 w/Thrower
NH 268 w/Thrower

CORN PICKERS
Pull Type
NI 323 1 row, excellent
NI 324 8 & 12 roll husking beds
NI 325 8 & 12 roll husking beds
JD 300 2 or 3 row

MISCELLANEOUS EQUIPMENT
MF 235 Loader w/valve control
JD 1440 No-till 4 Row Planter w/71 Units, Dry Fert.
IH 400 Air Planter Dry Fert., Insect., Very Nice
JD 58 Loader w/large materials bucket
IH Pickup Head for 550-650 Harvester
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
20' Speed King Wheel Harrow
NH #27 Whirl-Feed Blower
New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
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220D $6900
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D12..... $2000
C w/Rotary Mower $1500
B..... $1200
WD45.. ... $1350
D21 Series 2 .. $4800

TRACTOR SPECIAL
1 WEEK ONLY
OLIVER 2050
$5750

FORD
860..... $3000
7000D - Cab... $7900
4000D $2250
NAA $2850
(2) 9N .. $1250-$1950
(2) 800 ..... $2500

JOHN DEERE
4430 Cab ... $17,500
(2) 4320..... $11,500
5020 Cab - Duals $8900
4020D $7900
3020D $6900
(2) 820D $2900
730G $2500
MT $1650
R Diesel $1500
4020 Gas $5900

MASSEY FERGUSON
1155D $9500
1150D $7500
1105D w/Duals $8750
1085D - Cab... $8750
175D $4850
T030..... $1350
Pony w/cult .. $1500

SPECIAL
NI 701 UNI w/CAB COMBINE - GRAIN HEAD
727 HUSKING BED
3x30 HEAD
2x40 HEAD
$5750

CRAWLER LOADERS
Cat 941..... $16,500
Cat 933 .. .. $8750
Cat 933 Swamp $8750
JD 350..... $8800
JD 450B w/9300 Hoe. $14,900
Cat 955H - $9500
AC HD7 ..... $6900

DISC'S
Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset.... $4000
Wilbeck Offset . $4500
(2) Int Cubs - Rebuilt $600
JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade - Rebuilt $1800 - $2000
(2) IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
(2) Cub - Used... $400
Oliver 36 Blade Wheel $1500
(16) 6'6" 3 pt. - New $495

CASE
1370D $11,000
1030D $5000
930DCK $5000
1470D 4WD - Cab $13,900
(2) 930D CK - Standard $2800
(2) 830D CK ... $5000
930 Standard . $1850
970 w/Cab $7750

OLIVER
2655 - 4WD . . $9,750
2050..... $6900
1950T 4WD ... $7500
1950 GM $7000
1855 - Cab.. $10,000
1850 - 4WD ... $7500
1800 - 4WD ... $7000
1650D $3500

LONG
N 610DT $10,900
N 560DT..... $8900
560DT $5000
N 360 ... . $7300
N 310C..... $6750
N 510 Crawler $10,500

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1086D .. $14,900
1466D Cab $14,900
(2) 1066D Cab $10,900-$12,900
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706D German . $6900
(2) 706D $3900-$4600
(2) 706G $3500-$3900
674D w/Loader $7900
656D . . . $5750
2404G w/Mower $4900
300G $1400
Super A. . . $1500
(2) Cub w/cult $1750-$2850
(2) H . . $375-$850
(2) C . . $1200-$1600
(2) M . . $900-$1275
856 w/cab . . . $9500
856 ... . $9000
806 w/cab & duals.. . $8250
806 . . $7350
560D w/cab . . $3250
1566 - Black Stripe - 1975 . $8500
A $875

COMBINES
Gleaner CII w/Grain..... $3500
(2) JD 40's From $1800
JD 45 ..... $1500
IH 203..... $2000
IH 715 ..... $10,000

CORNSHELLERS
(3) JD 43 PTO... $700
MM D PTO $375
(3) NI Grinder for Mtd ..... $350-$750
(5) NI Shellers for Pull & Mtd ... $300-$1000
(6) IH 234 Shellers & 12 Roll Beds .... $350-$950

HARVESTER HEADS
(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
NH 717 2x30
(2) NH 717 PU
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(6) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

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Int 13 S Disc.... $900
Int 17 S Disc... $1800
Int 18 D Disc... $2000
JD 17 S Disc.... $950
JD FBB 13S Disc $1650

TRAILERS
1969 Great Dane 35 ton detachable . $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton . .... $1600-$1700
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
New HTRB18 18 ton $5875
1976 Gooseneck 3 axle w/tilt top . $5000

CORNPLANTERS
IH 6X Air - Liquid $2500
(2) JD 290 Pull . . $595
Ford 4X w/Gandy $1000
2x3 pt. $295
354 Ford Air Planter w/monitor - like new... .... $1950

CABS
New All Season For 930 & 1030.... $1700
New FV For IH Combines $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF..... $2000
Used For JD 45 Combine..... $600
Used For IH 203 Combine..... $800
Used For NI Uni System $900
Used for 1750 Oliver $500
Used For 4020 w/Air & Roll Bar $600

CULTIPACKERS
Brillion 9' $175
Dunham 12' $595
(3) 16' packers.. $795-$1250
Dunham 16' Mulcher $2275

HARVESTERS
NH 717 - 2x30 . $2350
AC 720 - 2x30 - PU..... $1750
IH 650 - 2x30 - PU..... $2000
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $500

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw ... $7000
1968 F Mack Sleeper screw . $2500
1976 Ford 7000 Louisville single $8950
(2) 1974 Ford Louisville single $8500
Int Emoryville.. $1500

SPECIAL
NI 701 UNI w/CAB COMBINE & GRAIN HEAD
$2750

MISC. CONSTRUCTION
Int TD9 Winch... $500
Davis DH5 trencher New Diesel .. $12,500
JD 420 winch .. $600
New winch . $1000
(6) Sweeper attach From... . $95
(40) Used hoe buckets . . From $150
(25) Loader buckets .... From $95
New landscape boxes ... From $425
(4) Set forklift forks . . . From $300
Sheepsfoot Roller $1750
Cat D2 Winch .. $400
JD 1010 Winch. $250
Air Compressor (Garage Type) - Like New 5 HP $1750
Mich 35 4WD Loader $8500
Franklin 133B Pack-N-Back Skidder.. ... $7750

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab..... $17,500
(2) JD 310 .. $11,500 & $10,500
Ware Hoe Attach..... $2750
Case 580B w/Cab Extend A Hoe . . $7350
Case Hoe Attach..... $2500
JD 9300 Hoe Attach..... $5500
3 Pt. Backhoe.. $2400
Arps 3 Pt. Backhoe $3000
Int 2504 .. .. $5700

5 FOOT 3 PT ROTARY MOWERS
$495.00

LOG SKIDDERS
Taylor S112 - Nice $7500

CORNPICKERS
NI 12 Roll Mtd. (319)..... . . $3500
NI 12 Roll Mtd. (305)..... . $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) $1350
NI #10..... $895
NI 325 - 30" Coming in

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1968 Int. Diesel - 24' $8500
1975 Ford Diesel 24' - 8000 Louisville.... $20,000

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

WANTED
PEDAL TRACTORS & TOY FARM TRACTORS

PLOWS
White 6x18 Reset $5000
(2) JD 5x16 semi mtd ..... $900-$1350
JD 5x16 Pull.... $775
(40) 1X to fit small tractors
JD 1450 6x16.. $2150
JD 1450 6x16.. $2950
JD 1450 6x18. $3350
IH 720 5x20 Reset $5000
White 348 3x16 Reset $1850
(3) JD 2600 4x Reset New $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset .. $6000
JD 6x16 ..... $1250
1x-2x pulls on stock
Lot of 3x and Smaller Plows
MF 3x Rollover . $1250

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel ... $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel ... $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent ... $4500

FORKLIFTS
Ford 30' Diesel . . . $11,500
JD 2010 . . $5000
Int 340 .... $4500
Yale 3000 Lb $3500
Case 585D $9900

CHISEL PLOWS
Athens 13' pull . $1575
Glenco 9' Soilsaver $3400
(8) Field Cult. - ..... From $795

SPECIAL
NI 701 UNI w/CAB HARVESTER - 2x40 CORN PICKUP HEAD
$4750

HAYING TOOLS
JD 336 Baler w/Kicker $3900
(2) Chopper Attach For Baler $475
(2) Elevators.... $695
NH 479 Haybine $3000
NI Cut-Dutioner $1800
Gehl Haybine .. $1250
Hesston 10 Stacker - Nice $3000
JD Stack Mover $1850
(2) Hesston 10W Mower..... $750
NI Rake.... . . $595
AC Rake $795
(2) NH 850 Round Balers

FLAIL C[illegible]ERS
JD 16A $1500
NH 36..... $2000
MC $695
AC 56F $395

SKID STEER LOADERS
Case 1740 Diesel..... $6800
Melroe 530 w/ 2 Buckets..... $5800

NI UNI SYSTEMS
702 Tractor
(3) 701 Tractor
(2) 727 Husking Bed
(4) 2x40 Cornhead
(7) 3x30 Cornhead
(3) Combine
(3) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

NEW MACHINERY SPECIALS

4' 3 Pt Rotary Mower	$485
4' Pull Rotary Mower	$675
5' 3 Pt Rotary Mower	$495
6' Pull Rotary Mower	$795
5' Free Stall Scrapers	$450
6' Free Stall Scrapers	$475
Landscape Boxes - Same As Above	
3 Pt. Boom Poles	$60
7' 3 Pt. Peg Harrow	$395
10' 3 Pt. Peg Harrow	$495
14' 3 Pt. Peg Harrow	$595
3 Pt. Fertilizer Spreaders	$395
6' 3 Pt. Landscape Rakes.	$495
1 Row 3 Pt. Marker	$175
2 Row 3 Pt. Marker	$265
7' 3 Pt. Blades	$245
6'6" 3 Pt. Disc	$495
1 Bottom 3 Pt. Plow	$295
2 Bottom 3 Pt Plow	$450
1200 Bu. Corn Cribs	$795
3 Pt. Woodsaws	$875
"0" Category Tools 3 Pt. Disc	$295
5 Ton Wagon.	$450
6 Ton Wagon.	$475
8 Ton Wagon w/8" Rims & QL Tongue	$650
10 Ton Wagon w/8" Rims & QL Tongue	$725
12 Ton Wagon w/10" Rims & QL Tongue	$925
11 Ton Wagon w/Tandem Axle	$895
Round Bale Feeders.	$175
Gravity Bins	$450

MISC. MACHINERY

Long RollBars... $300
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows .. ... $75 per section
Spring Harrows ..... $75 per section
Swartz Mixer Cart $1850
1 Row Potato Digger..... $295
Kools Recutter .. $975
Lime Drill $295
(2) Rotary Mowers - Approx. 14' ..... $1800-$3500
Long 72" Rotovator - New $1695

CONSIGNMENT AUCTION
MONDAY AUG. 10
9:30 A.M.

DUALS (HUBS EXTRA)

18.4x38 JD Axle	$1500	18 4x34 Snap On.	$650
18.4x34 Axle	$500	18 4x38 Factory Oliver	$1350
16.9x38 Axle	$750	18 4x38 Factory Ford Axle - New . .	$1800
(6) 18.4x38 Axle	$575 - $675 - $750 - $775 - $900	Lots Of New Duals On Stock	
18.4x38 Factory Axle MF.. . .	$1000 - $1350 - $1500		
15.5x38 Snap On...	$450		

TARP SALE

	REG	SALE
5'x5'	18.95	$ 9.50
5'x7'	20 95	10.50
5'x9'	25.95	13.00
8'x10'	35 95	18.00
9'x10'	39 95	20.00
10'x12'	45.95	$23.00
10'x14'	55.95	28.00
10'x16	65.95	33.00
10'x18'	79.95	40.00
10'x20'	99 95	50.00

FARM EQUIPMENT

For Sale Combine, IHC model 76 w/Super C Farmall motor, good condition Call 215 285 6676, Lehigh Co after 6 P M

USED EQUIPMENT

TRACTORS:

- Waiver of Finance on Used Tractors To Dec 31, 1981

IH 1566 D, Cab & Air, 30 5x32 tires, new TA, Real Nice - $23,000!
JD 4520, 20.8x38 Radials, No Cab - $13,500
IH 706 Gas, Eng Overhauled, New Paint - $5,950
IH 560 Gas, 400 Gas, 300 Gas
IH 350 High Utility
IH 350 Farmall
IH 544 Gas w/2000 Loader
400F Gas, Fast Hitch, PS, Nice Shape
IH Cub, 1978, Real Nice
185 Lo Boy w. Mower, Real Nice!
MF 165 Diesel
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under

TILLAGE:

IH 475 13'5 Disc Harrow
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
JD 12' 3-Rank Chisel
JD 1600 12-shank Chisel Plow
JD F245 H 7-Bottom on Land Plow
Int 663 6-Row Cultivator

PLANTERS:

4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb Single Discs, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No 10 13x7 Plain Drill
IH No 10 16x7 Single Disc, Comb, Hyd Lift
IH No 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill

COMBINES:

WAIVER TILL 9/1/81

Gleaner "E" with 10' Grain Platform, Like New, Never Used In Corn!
IH 915 6-Row Head, Low Hrs
810 15' Floating Cutting Bar
810 13' Floating Cutting Bar
IH 403 w 4-Row Wide Head
IH 315, 2-Row Wide Head
IH 205 2-Row Wide Head

HAY & FORAGE EQUIPMENT:

JD 115 Forage Wagon
Model BN98 Badger Blower
717 NH Chopper
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
1014 Hesston Mower Cond.
420T Hesston S P
NH 479 Haybine
MF DEO-20 3 pt Hitch, 5 Bar Rake

18' & 21' FARM BILT HAY BALE WAGONS IN STOCK

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph. (215) 367-2169
Daily 7-5
Fri. 7-9; Sat. 7-4

FARM EQUIPMENT

TRIPLE H EQUIPMENT

VERMEER — Vicon

Peach Bottom, Pa.
717-548-2640 or
717-548-2094

NEW EQUIPMENT

3 - WRIGHT RAIN manure pumps and sprinklers
2 - 5 wheel 3 pt. Vicon Rakes
1 - 6 wheel trailer Vicon Rake
1 - KM 240 Mower Conditioner Special $8,400
1 - OM 240 Mower Conditioner (Demo)
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders
2 - Vermeer 9' Mower Conditioners
Heavy Duty Round Bale Feeders

Limited Supply — We Have In Stock New Vermeer Balers and Mobile Irrigation Equipment for water or manure.

Just Arrived,..
VERMEER MOWER CONDITIONERS

USED EQUIPMENT

Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere Single Chain Bale Elevators
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

JOHN DEERE — Nothing runs like a Deere

THIS WEEK'S SPECIALS

★ JD 5440 SP Harvester w/Heads
★ JD 1209 Mower Conditioner
$5500
Waiver of finance on both till Jan. 1, 1982

USED FARM EQUIPMENT

IH 986 w/Cab, Only 665 Hrs
IH 656 Hydro
731 DSI Bobcat
JD 3800 Forage Harvester
JD 5440 SP Harvester w/heads
JD 243 & 244 Corn Head for Fg Harvester
NH 880 R2 Head 4 SP
NH Grain Dryer
JD 3300 Combine
NI Side Rake
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
JD 336 Baler
NH 273, 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
JD 707 4 Row Rotary Mower
JD Hay Crimper
MH 1469 SP Haybine
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 Planter w/No Till
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
JD 34 Spreader w/ Hydraulic endgate
1970 Ford 1 Ton Stake

FREE FINANCE on New & Used JD Tractors Till March 1, 1982
FREE FINANCE On NH, JD Hay & Forage Tools Till Jan. 1, 1982

NEW FARM EQUIPMENT

JD 4440 Tractor QR & SR
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 2440 Tractor
JD 2240 Tractor
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
Bale King Bale Boxes
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 743
NH 329, 519, 679, & 791 Spreaders
JD 392 Spin Spreaders
JD 450 Spreader
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat — NEW HOLLAND

COMBINES - Just rec. MF 750 Hydra D w/air, purchased new in '79, fully equipt. w/grain & 11 ft. CH, real N-1-C-E. 73 MF 410 D w/air, quick tack grain. JD 6600 D w/air, 13 ft. grain & 444 CH for $21,900. New JD 4420 fully equipt. w/213 grain & 443 CH, 6620 w/both heads. 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.

Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4440 w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain for $2895.00, Int 82 & 80 Pull Type. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft grain, K240 corn head (Combines) Coming in ... New Int. 1440 w/grain and corn head, JD 105 corn special diesel w/both heads, MF 510D w/-Quick Tach, MF 205 w/cab (SOLD) and 10 ft. grain.

TRACTORS & EQUIP. Farmall 1086 cab, air, diff lock, radio 20.8x38 tires 3 valves w/107 hrs. like new for $25,500.00. Farmall 1566 w/cab and duals, new JD 4240 C.A. Q.R., used 4430 w/R.G. and Q.R., Oliver 1855 w/factory cab. Farmall 560 D WF, Used Farmall 1086 w/R.G., Canopy, 656D W.F. original. Used JD 2940 w/front wheel drive and cab used 350 hrs. purchased new in 1980, White 2-105 w/roll guard, ACXT190 real nice, nice, AC 185D. w/Loader, nice. Farmall 560 gas WF, F.H. real nice, Ford 4000D w/1300 hrs. excl., JD 4010D w/loader; JD 3010 Gas; 285D w/R.G., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, JD 443 corn head, used 1 season like new, used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; JD 7000 six row planter w/Inst. & monitor real nice; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2540. Corn Heads. Gleaner K330, FL430, F330, E330, A430 for F or F2, JD 443; 343, 243, White 704W, MF 421, Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain. White 4-150-4 whl drive, fully eq., JD 4430 C A. QR & Dual (SOLD) wheels, Int 574

NEW FARMALLS. 1086 C.A. dual hydrl. for $26,700. New 986 C.A. dual hydr. for $24,800 New 886 C.A. dual lock 2 valves only $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 w/Power Shift and R.G. for $23,950, 4020 w/Diff. Lock; JD 3020 w/Diff Lock, JD 3020 side console W.F. diff lock, dual hydraulic; JD 1530D (SOLD) w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R G. real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F. 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (5) real nice balers, Int. 241 Round Baler like new, Int. 445 baler w/thrower just like a new one for $3500 less than dealer cost. NH 320 w/thrower, used 1 season. NH 277 w/thrower, JD 346 Baler w/thrower, w/Hydrl. Tension excel. cond.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair, 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab

Case 930 CK w/5X Plow. New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift. J.D. 4010 gas $3800. JD 4020 gas $4900. JD 4430 C A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs, used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H., Farmall, 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop 656 diesel, 756, 300. Cub 185 Loboy w/mower and 3 pt. like new, 154 Loboy, Cub Loboy w/mower, Cub w/mower and F.H.

HARVESTERS. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4230 cab, air, QR, nice, 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/WF, 2020D, 720D for $1875.00, 630 w/3 pt.

FARMALLS: 1586 w/cab fully eq. w/duals, used 500 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas, 766, 1456, 806, Farmall hydro 70 w/w.t. and 3 pt., 826 hydro D nice. 504 WF w/3 pt. 460 Dsl. TA, nice, $2275.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON 1135 C.A. low hrs., 1130D, M.F. 135, Super 90D

MF 165D w/heavy duty loader

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires, 1555 gas w/cab and air used 800 hrs. clean, Ford 9600 w/dual power and dual wheels, Ford 6000 Commander, D Ford 4000 gas.

ALLIS CHALMERS 7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Case 480B loader and backhoe, Case 580 L & B, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader. Skid Loaders - Bobcat Hydro 720, Case 1530B.

CORN PLANTERS - New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., priced at $5975. NH 354 Gr. Mixer. Int. 1050 Grinder-Mixer, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NI rake, w/front wheel; new Rhino 6' blades.

JD 220 hydraulic fold wing disk; White 252 wing disk. (Cultivators) JD 4 row rear JD 4 & 6 row front mtd. cult.

New Case 8 row hydraulic fold cult. Int. F.H. 4 row. used N.I. 272 7 ft. cut/ditioner, JD #930 3 pt. Seamline Tomato & Potato Harvester, AC Potato Harvester. Int. 2424 tractor w/slight fire damage.

(New) NH 310 Baler (wrecked), Woods Belly mowers like new.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; White 6 row w/no til fert. fill, inst. and monitor, New NI 323 one row picker, Used 323, Used 325 w/12 roll bed, 324 w/Super sheller used on 80 acres, (4 offset Disks) J.D. #360 12 ft. Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, 5,6,7 trip and resets. New Glencoe SS7 Soil Saver with culti-lift harrow New White 14 ft. field cult., Kawanee 22 ft. wing disk.

LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 - Used 30.5 x 32 tires.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/7,000 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa.
19526
Phone bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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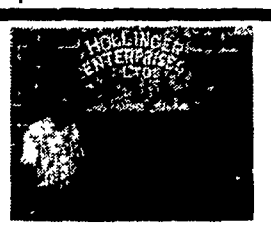

We want your business We'll do our best to serve you Larry Hollinger, (left) and Lee Dull

CRAWLER LOADERS

Cat 977H Lever Steer, ready to go	$11,500
Cat 977H w/cab, 90% undercarriage	$12,500
(2) Cat 955 12A	$6,500
AC HD 6	$4,500
1974 Case 450 Backhoe Loader, sharp	$12,500
JD 440 Dsl., sharp,	$5500
JD 420 Gas, as is, needs work	$2500
JD 350 w/ROPS	$8,500
Cat 955H Pedal Steer, sharp	$12,500
IH TD9 w/ripper, sharp, 85% undercarriage	$6500
AC HD5 Crawler Loader, Sharp	$5500

BACKHOES

1978 JD 500C	$25,000
1972 Ford 4500 Dsl w/cab	$9,500
IHC 3500 sharp	$9,750
AC 1850 Super	$18,500

GRADERS

(2) Gradall 2460 dsl U/D	$5,500
AC-45 w/cab (diesel)	$4,500

AIR COMPRESSORS

Schram, w/50' hose & Jackhammer ready to go	$2,850

MISCELLANEOUS

Paver 22PL, like new, 2 yrs old	$28,500
(2) Winch to put on truck-tractor	Make Offer
Riding Sweeper	$950
Hobart Welder w/Leeds on trailer	$1,150

TRAILERS

New Eager Beaver 15 to 10 ton	Call For Price
Patsco 25 ton drop deck, tandem axle	$4,500
18 Ton General Tag-Along w/air, sharp Like New	$7,500
9 Ton General Tag-Along	$2,950
1979 CMI hyd folding gooseneck, 35 ton, like new	$20,000
35 ton detachable, sharp	$12,500
Drop Deck, single axle, good	$3500
6000 gal. fuel tanker	$2500

TRUCKS

1965 International 10 wheel dump, gas	$2,500
1961 B Mack, single axle dump, real good	$3500
IHC Tractor, full screw, 250 Cummins w/wetline	$3500

RUBBER TIRED PAYLOADERS

Hough 30	$6,500
Hough HM w/cab, new motor, good tires, ready to go to work	$6,500

ROLLERS

Rosco, Labatory	$2,500

FARM EQUIPMENT

FOR SALE

MF SOLD
MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 180 diesel
AC 190XT
Farmall 966
MF 12 SOLD

MELVIN M. BURKHOLDER
Ephrata, PA.
717-859-2960

FARM EQUIPMENT | FARM EQUIPMENT

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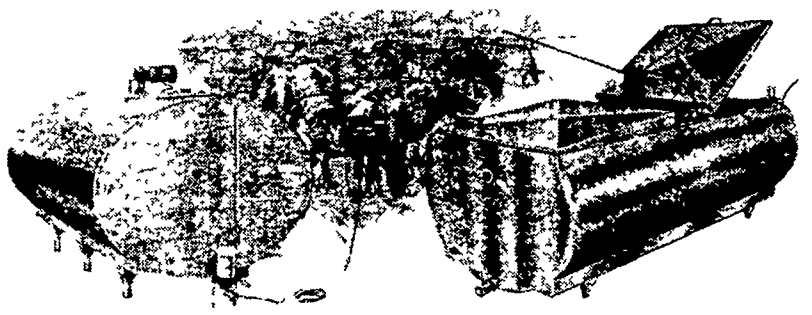
Milk Coolers®

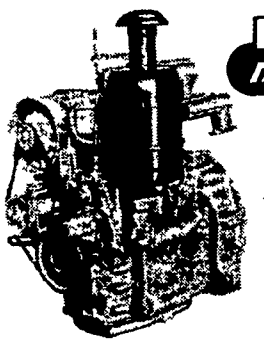
SHORT ON CASH? LEASE A TANK!

Superior Cooling, automatic washing, and free hot water are only three of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!



IF SPACE IS A PROBLEM...
in your milking parlor the Model OH" can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge

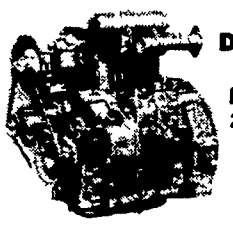
USED 500 GAL. SUNSET



MWM murphy DIESELS

DIESEL ENGINES

Two Cylinder Model D 302-2 14 to 32 HP



D 327 Series
Two Cylinder Model D327-2 20 to 36.5 HP Max.

For More Information Contact Your Authorized Mueller Dealer

Sult's Refrigeration Service

Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
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★ **24 HOUR SERVICE**
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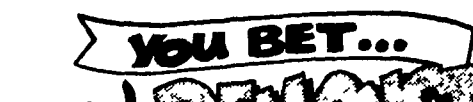
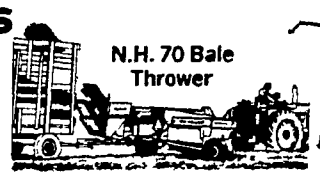
☐ Send More Information ☐ Have Representative Call
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

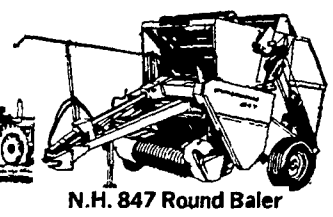


Better by Design
ALLIS-CHALMERS

N.H 495 Haybine



N.H. 70 Bale Thrower



N.H. 847 Round Baler

We have a full line of New Holland Hay Equipment at excellent prices with service to back it up when it's needed.

SPECIAL OF THE WEEK

DUNHAM-LEHR 15 Ft. 8 INCH CULTI-MULCHER, Like New

We Have A Good Line Of Used Equipment at Fair Prices

NH Super 67 Baler with engine
NH 67 PTO Baler
NH Super 68 PTO Baler
NH 273 Baler w/Engine
IH 430 Baler w/Engine
NH 82 SP Combine
(2) NH 479 Haybines
NH 1469 SP Haybine w/Wisconsin Engine
NH 489 Haybine (Excellent Condition)
NH 479 Haybine
NH 461 Haybine

IH 830 Forage Harvester, 3 row 30" corn head and pickup head
McConnell Forage Wagon, 3 Beater w/Roof
Case 995 S.P. Windrower w/10 Ft. Head
Winpower 20,000 PTO Generator (like new)
AC E330 Corn Head, Excellent Condition
Gehl CB 600 Harvester, with corn head and pickup head
NH 1495 S.P. Mower Conditioner
AC 904 Mower Conditioner
IH 450 Auto Reset Plow

Brillion 12½' Transport Harrow
Brillion 12 ft. Packer
NH 24' Elevator
JD 16A Flail Chopper
NH 363 Tank Spreader
NI 213 Spreader w/Hyd. Endgate
Hydra-Mac 12C Skid Loader (Demo)
Hydra-Mac 12C Skid Loader
NH 775 Skid Loader (Demo)
(2) AC WD 45 Tractors
Farmall M Tractor with steel wheels
7' 3 pt. Rear Scraper Blade
IH 1100 Trail Mower
ARPS 3 pt. Rear Scraper Blade

WAIVER OF FINANCE
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981.

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717-397-5179 or 687-6002 Or Call His Home 653-5020 Anytime

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PARTS & EQUIPMENT SALES & SERVICE

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★ Forage Equipment w/Hay Heads till Jan. 1, 1982, w/Cornhead till August 1, 1981
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SPERRY NEW HOLLAND
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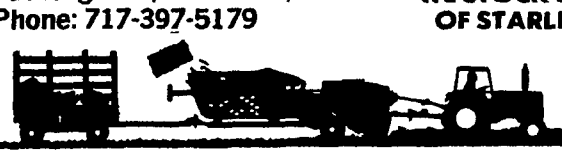
Phone: 717-397-5179

WE STOCK A FULL LINE OF STARLINE PARTS



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63 Old Leacock Rd
RD 1 Ronks, PA
17572
New & Used Farm Equip & Parts

- Vicon hay rakes
- Vicon fertilizer spreaders
- Hostetler wagon gears
- Band brake carts with 6 lug wheels -regular carts or with hillside hitch
- 1 horse potato plows
- 1 & 2 horse cultivators
- New or Used Mc corn binder
- Loaders - Webs and parts
- New silage cutter webs for No 9-7
- 19"-16" Papec and C40 Gehl
- New Mc knotter parts and repair
- Baler & Binder Twine
- Tobacco Sucker Spray

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS

- Ford 8600 Dsl.
- (2) Ford 8000 Dsl. 1 w/turbo
- Ford 861 Diesel
- Ford 860 Gas
- Ford 800 Gas Select-O-Speed
- Ford TW30 w/450 hrs.
- Ford 9N
- Ford A64 Wheel Loader, 2½ Yd. bucket, 480 hrs.
- Farmall 300
- (2) Ford 8N's
- Farmall Cub Power Unit
- 2 cylinder Wis. Engine

EQUIPMENT

- NH 9' 450 Mower
- NH 770 Harvester w/2R Corn Head and Pickup Head, elec. controls
- NH Super 717 Harvester w/PU head & 1R Corn Head
- NH 1495 SP Haybine
- NH 1469 Haybine
- JD 1209 Mower Conditioner 9' pull type
- NH 269 Baler w/thrower
- Hesston 1014 Windrower
- Ford H: SOLD e, 1 yr. old
- N.I. Hay Rake
- Lawn & Garden Tractors w/Mowers
- New Class Combine w/15' Grain Head
- Left Over TR75 Combine w/13' Grain Head
- Repossessed Ford 642 Combine w/13' Grain Head
- MF 82 Combine w/10' Grain Head & 2RW Corn Head

ALL WOODS BROS. FORD & NEW HOLLAND OBSOLETE PARTS 50% OFF

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Phone: 717-386-5945

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Order Now For fall.

Also Manure Spreaders for Semi & Liquid Manure Made with Corrosion Resistant Metal $1460.00

Order Now For Winter
(Use Mine For Trial)

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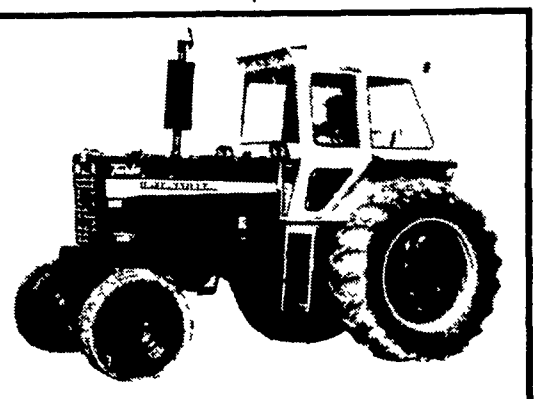
Amish Rd.
Box 210 R.D. 1 Kinzers, Pa. 17535
(Dealer Inquiries Invited)
Delivery Available

FARM EQUIPMENT



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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED EQUIPMENT

- IH 986, cab & air, low hrs , like new
- Oliver 1850 diesel, Perkins (100 h p), wf, 3 pt on steel
- IH 560 diesel, wf, fast hitch
- 1978 Ford F350 w/hyd dump & 12' box, 37,000 miles, clean
- JD 38 chopper w/2-row narrow head
- IH 806 diesel, turbo, 3 pt wf, nice yr round cab
- IH 706 diesel, 3pt , new paint, real sharp
- JD 6620 diesel hydro combine, like new, 120 hrs , new in fall of 80
- IH 656 diesel hydro, clean
- NH 269 baler
- IH 856 diesel, recent TA & engine overhaul, fully equipped
- MF 300 quick attach combine w/cab & air, very clean
- (1) ~~(2)~~ JD 4400 combines, cab & air, clean
- Gehl 3000 skid loader w/3 buckets, 360 orig hrs , like new w/electric clutch shut off
- NI 737 husking unit
- JD 4020 D, PS, wf, good clean tractor
- NH 717 super chopper w/2 row wide head, grass pickup & single row head, less than 200 acres on machine
- JD 620, excellent condition
- IH 856 diesel, wf, 38" rubber, 3 pt , clean
- MF 65 diesel, wf, 3 pt , PS
- NI Uni-System 701 w/combine & 11' head

MISCELLANEOUS

- New Aerovent high speed crop dryer model XL927, LP gas
- New Hutchinson 6"x21' utility auger
- Like new heavy duty commercial type side mount sickle bar mower, hyd driven
- Cab to fit 56 & 06 series, $375
- IH & JD rear & front weights
- 18 4x34 axle mount duals w/hubs for IH, $500

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Ph. 717-786-1606 &
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SILOS & UNLOADERS

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MANUFACTURE AND BUILD SILOS	SILO REPAIRS	P & D EQUIPMENT
• Wet Cast Concrete Staves • Western Redwood Doors • Deluxe Colordome Roof • Hooped for all types of silage • Plastered solid with a smooth finish	• Replaster • Roofs Installed • New Extensions • Used Extensions • Pipes & Distributors permanently installed	• P&D Golden Gobblers • P&D Ring Drive Unloaders • Unloaders rugged, tough & powerful to perform fast at a "flip of a switch" • Sales & Service all Silo parts and equipment

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For Sale - John Deere 1975 4400 diesel combine, both heads, after 1 P M 215 683 3951

SILOS & UNLOADERS

FOR SALE 20x70 Lancaster Silo with Model 70 Starline Unloader Call 717 244 8696

MADISON SILOS & VANDALE EQUIPMENT 717-653-1567

We buy used Harvestores and sell with Laidig unloaders Penn Dutch Farm Systems, Inc 717 273 9324

Laidig bottom unloader conversions Now available for your present silo Call Penn Dutch Farm Systems, Inc 717-273 9324

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For Sale- Silo unloader, 20' sweep arm auger for harvester, excellent condition 717-362-9507

SILOS & UNLOADERS

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We buy & sell used HARVESTORES Penn Jersey HARVESTORE Systems Tel 717 354-4051

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Extensive tests have been conducted on Gunite Below are some of the properties of Gunite

1. **Excellent bonding**
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The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration

Reseal and re-strengthen your silo with Gunite

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RD2, Newville, PA
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For Sale- 18'x55' concrete stave silo, good condition, to be removed $2000, Somerset Co 814 634 5480

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Madison Silos Pro's use Gunite interior finish on all brands of silos.
We repair or replace roof, pipe etc., too!
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MANUFACTURER-BUILDER OF QUALITY CONCRETE STAVE SILO'S.
A BEAUTIFUL WHITE WET-CAST STAVE SILO BUILT WITH EXPERIENCED CREWS

All Silo Options Available:
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"LANCASTER" Belt Feeders
"LANCASTER" Taper Board Feeders
"LANCASTER" Double Chain Conveyors

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SILOS & UNLOADERS

SILOS AND EQUIP
SEE PAGE B4

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Terre Hill, PA
17581

PHONE
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53 Yrs Sales Serv

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LAIDIG Best name in BOTTOM UNLOADERS

Now Available For Your Present Glass Fused to Steel Silo.

Convert your gravity flow or chain type unloader to the new Laidig Jr., specifically designed to adapt to the trough of your existing silo.

★ Special price for early order. This unloader can be installed whenever your grain structure gets empty later this year.

Place your order now to take advantage of this special price.

Note: This unloader requires no changes to switch from shelled corn to ground ear corn, this requires only a 3 HP motor.

THIS IS NOT A NEW PRODUCT... THE LAIDIG HAS HAD MANY YEARS OF RELIABLE FIELD EXPERIENCE

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BUILDINGS & SUPPLIES

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Agway Buildings
* 60x60
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insulated and heating system included
Call
Donald Moyer
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Building 24x26' to be removed Call weekend only 717-477-5520

GRAIN EQUIPMENT

BUILDINGS & SUPPLIES

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Wanted - Grain bin, new or used in good condition, prefer 27' for 200 ton or more, Ph 717 827-2561

GRAIN EQUIPMENT

For Sale MC model #600 electric 250 bu per hr continuous flow grain dryer in excellent condition Dried 50,000 bu corn in 1980 Replacing with 975 MC for greater capacity Immediately available, call New Jersey 609-298 3859 or 298-2159

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DAIRY EQUIPMENT

DAIRY EQUIPMENT

DAIRY EQUIPMENT

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Our new Hefty Farm Computer System is NOW programmed for Natural Air and Low Temperature Grain Drying, No Guess Work Custom programmming for other farm operations are available including all bookkeeping and records for farm operations.

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Grain bins, hopper tanks, drying bins, augers, leg elevators & steel buildings.
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Quality Prices that are hard to beat

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We have grain storage dryers, augers in stock for immediate delivery We design and install grain handling systems small or large Please call for quotation EVENINGS 301-997-1731 Bill Varano, Agro Systems Inc

USED GRAIN DRYERS
(1) M&W 450 (450 BPH)
(2) M&W 650 (600 BPH)
(1) MC 400E (150 BPH)
All of these dryers in operation condition, and either electric motor or PTO drive.

LOUCKS GRAIN EQUIPMENT, INC.
717-755-2868

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2 40+ Alamo vacuum pumps, 3 DeLaval 55 lb milkers, like new, Elam S Stoltzfus, Rd 1 Box 99 Kirkwood, PA 17536

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Glass pipeline from 6 stall Surge Milking Parlor 6 milkers included, other fixtures too 717-437-3464

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the lowest pouring height on the market today - 34"!

GUARANTEED GOOD USED TANKS

300 Gal Zero	625 Gal. Milkeeper
300 Gal Girton	600 Gal. Mojonnier
400 Gal Girton	800 Gal. Mojonnier
400 Gal Zero	800 Gal. Girton
500 Gal Girton	1000 Gal. Mojonnier
600 Gal. Girton	1500 Gal. Surge

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1 used 3000 gal. Husky manure tank - good shape
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1 demonstrator - 1500 gal. vac. manure tank
1 1000 gal. Esco milk tank
1 Mueller tank washer
1 Badger manure stirrer
2 DeLaval manure stirrers
2 Badger 54" blowers
2 Badger 16' forage box on 12 ton gear
We have DeLaval Satellite and Challenger feeders in stock for immediate delivery;
Also electric fencers and roof ventilators, High pressure pumps and hoses - 50' length; vacuum pumps and all DeLaval accessories.
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Good for free stall and stanchion barns
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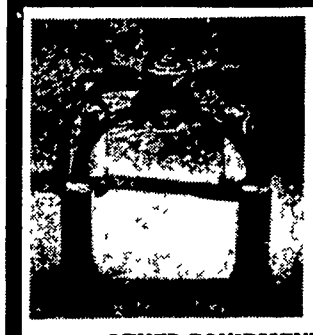

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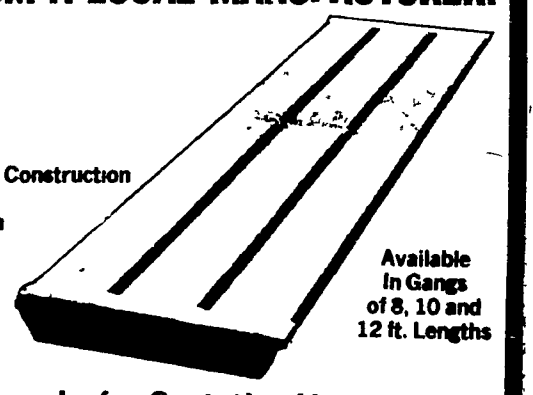

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30 head of heifers, 6 mo 1 yr old, purebred & grade Most out of AI bulls All are vaccinated Lu Lynn Farms, RD1, Box 218, East Berlin, PA 717 259-9983

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For Sale- 7 bred heifers, vaccinated and TB tested, Amos S Stoltzfus, 1 mi north of Bird-in Hand, along Beechdale Road

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7 Chianina - Angus yearling heifers, breed this fall $575 each, 717-872-2436

For Sale - Hereford and Angus bulls Also springing heifers due from July to Dec John S Stoltzfus, Box 352, Rt 1, Kirkwood, Pa Bartville Road

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#223 Red Purebred-15 months-1200 lbs.
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Superior bloodlines
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Special Evening Sale
Horses will be hitched at farm July 22 & 23 between 2 & 4 p.m.
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SWINE

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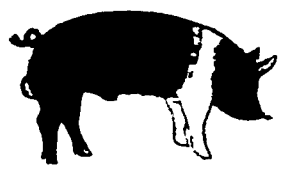

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Approx. 100 boars available at all times.

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The Dimock Poultry Fam, Rd 4, Montrose, PA 18801 has immediate facilities for the brooding and growing of 60,000 or less Leghorn or other egg producing birds on contract, from 1 day up to twenty weeks of age pullets Please phone or write to Jack Kaufman, Production Manager, Dimock Poultry Farm, Rd 4, Montrose, PA 18801, Ph 717-278-3704

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Feed/Day/Bird (grams)	108.5	106.8
Avg. Egg Wgt. (grams/doz.)	57.06	58.08
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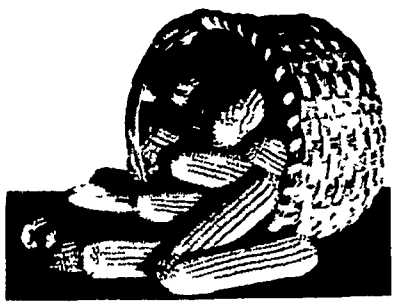

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1000 bu. load
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I can provide cleaning and hauling during the following months: June - August - September and December thru March.
Schedule your houses Now!
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Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area Prefer Bedford Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH-137, c/o Lancaster Farming, Lititz, Pa 17543

Wanted - person to work on livestock farm, can furnish 7 room house John Strawbridge 301-996 2022

Herdsman for small reg Holstein herd-general farm and field work, house, utilities and wages, Central NJ Call after 8 30 p m 201-725-6888

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Good Reliable hired person who has experience with dairy cows and would be interested in buying and selling dairy cows Write to Box 366 J-179, c/o Lancaster Farming, Lititz, Pa 17543

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Custom Round Baling, hay and straw, Have roll back truck and will travel for large acreage 717 859 3118

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A Mature couple to raise veal calves Percentage of profits or partnership available for the right party Write to P O Box 847, Poughquad, NY 12570 including salary requirements, experience, qualifications and background

Experienced husband-wife team with small family to work on dairy farm Good wages and housing 518-537-4675

Experienced married person for herdsman on 200 cow modern dairy operation, small family, references required, 301-874-5229

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Housekeeper needed, competent mature person needed to keep house and help with three children ages 8, 7 and 3½ Mother works on farm Small private house available References necessary Write to P O Box 366 J-180 Lancaster Farming, Lititz, PA 17543

Horseman farmer with small family and wife for thoroughbred Broodmare farm in Maryland Must have experience New house References required Box 68, Butler, MD 21203 or 301-666-2221

Help wanted immediately on dairy farm, married or single Phone around 8 P M 215-286-9802

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Person for dairy and general farming Ph 717 297-2943 or 297 4323

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Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management experience is essential A background in animal nutrition helpful Salary commensurate with experience
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Exceptional opportunity for an ambitious self starter to manage the sales insulation and service of dairy equipment.
An established dealership with excellent growth potential Applicants must have an agricultural background and the ability to relate to agricultural people
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Ag tractor mechanic capable of diagnosing and repairing, electrical, hydraulic and transmission systems. Interesting and rewarding occupation working with a substantial, top-notch product.
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Submit handwritten resume or apply in person. After-hours interviews available by appointment.
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- Bradford, Tioga, Lycoming
- Bedford, Blair, Huntingdon

Assignments to include news and features.
Send resume and writing samples to:
Editor
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

HELP WANTED

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Leading major feed manufacturer has openings for sale positions in Maryland and Pennsylvania Two to five years feed sales experience required A degree in agriculture or Agribusiness is preferred Salary commensurate with experience and ability We are seeking career oriented, aggressive self starter who wants a successful career with an attractive salary and future Our profit sharing medical and dental plan along with retirement are among the best in the industry Reply with your resume to
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An Equal Opportunity Employer

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Young married man desires employment on beef, dairy or grain farm with partnership or owner retiring in future excellent references Call after 6 p m 215 258-4728

Christian female ag student wishes to rent living quarters in country home in vicinity of Penn State beginning September or willing to work on farm in exchange for room Write PO Box 366 L-157, c/o Lancaster Farming, Lititz, PA 17543

Wanted- Persons to help raise barn in Harrisburg area 717 697-4319

College Student seeks farm work Experienced in Hogs - farrow to finish, dairy and beef, prefer York Co 717-284-2309 ask for Mike, after 6 p m

Snyder County, young couple with 7 month baby want to work on dairy farm with house furnished. Will relocate Unemployed at present time, need work Call (717) 837 3201

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Couple - 1 child, farm experience, wish to exchange housing, etc for labor Manheim Lititz area Ph 614-852 4294 or write Keinman's 189 N Oak St , London, Ohio 43140

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Gooseneck trailer, 400 bu grain body, 18 ton hoist, hyd-vac brakes, 8 12 ply tires, heavy duty, good condition, $3500 717 866 6048 Lebanon Co

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71 Chevy truck, cab and chassis, 21,000 GVW, good condition $2500 814 425 2302

1976 Dodge D300 with 10' cattle body 49 300 original miles, asking $3200 or best offer 215 588 2839

1971 Int 2000 single axle tractor 270 Cummins, 10 spd RD RNGR, air slide 5th wheel, new brakes, wheel bearings and tires Cecil Co, MD 301 658-5057

1971 GMC 14' stake body, 5500 series, very good condition, V 6, 5 speed transmission Pa inspection, 24,500 GVW, 90,000 miles, good tires, ready to go -to work! $2250 215-932 2682 after 6 p m, Oxford Pa

For Sale 63 Ford F700 5 yd dump truck, 292 engine with 5 speed with 2, very good condition 302-239-5043.

For Sale - 1970 GMC cab over tanker truck, V6 engine, 5 w/2 spd, new 10 00-20 tires, new paint Call Arkport 607-295-7333

For Sale - 1969 Trailco aluminum dump, 24' long, 6' sides, 10 00 x 20 rubber, $5500 717 626-2212

For Sale - 73 White cab over, 7400 series, 270 Cat, twin screw, 13 speed, new 10 00 x 22 rubber, new paint, complete major, 15,000 miles 215-445-4280

1973 Chevrolet van, series 30, new rubber, air cond Al mechanical condition 717-859-3863

For Sale - 69 Chevy C60, 427 cu inch, 24' flat dump with winch, air brakes, 10 00 x 20 tires 215-445-4280

TRUCKS & TRAILERS

Int 1800 truck, 30,000 GVW, with 2000 gal certified FP tank, 215-323-6291 after 6 p m

For Sale 1973 Dodge 600 heavy duty truck, with 20'' aluminum livestock body, 215-598 3951

1977 Ford L8000 PS Diesel 18 Body $9500 00, 1973 Ford F 600 14' Flat Dump $4500 00 1971 Mack RD 685SX 15 Bed 55 Rears, 1970 Chevrolet Tandem 427 15' Dump PS $2975 00 14' Steel Dump With Hoist $1000 1975 Freightliner 318 Tandem $10,500 00 1975 Ford L9000 290 Diesel Tandem $9500 00 28' Aluminum Dump $6500 00 20' Steel Dump Tandem $2500 00 1977 45' Flat Tandem Trailer $7500 00 35' Tandem $1250 00 1969 Mack F Model 22' Van very Clean 673 With Blower $7500 00 Others, Trade, Finance, 814-793-2829 Curry Supply

TRAILERS - Cherokee and Rawhide stock trailers, horse trailers, farm flatbeds, gooseneck and bumper models available 201-782-8771

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For Sale - 1975 Chevy cattle truck, 30 series with 12' Hostetter bed, excellent condition 717-776-7806

For Sale- 1975 Int diesel van, 18' with reefer, 10 rubber, low mileage, excellent 717-689-9617

TRUCKS & TRAILERS

IH R-190, 26,000 GVW, good condition, 18' steel bed, $1600 Chester Co 215-857-3929

For Sale- New 16' tag a long stock trailer, oak floor, stronger construction than you will find in any trailer 717-354 0273

1974 Freightliner with sleeper, 20' rubber, sliding 5th wheel, air conditioned, Imron paint, Budd front, low mileage 717-626-5466 between 9 A M & 3 P M

1967 Mack F600 tractor 673 w/blower duplex, 38000 rears 717-987-3551

4 RF 200 IH tandem truck, 450 engine, 5 main 3 aux, 12F 34R P S, 106 CA $3000 each, 1 White tandem tractor, V8 gas, 5 main, 2 speed rear, air tandem axle $2000, 2 White tandem dumps, 5 main, 3 aux 12F 34R 6 C Y engine $3000 each, John Stapf Corp Harrisburg, PA 717-234-6281

1966 tractor trailer, Tractor-IH 2000D w/220 Cummins engine, 50,000 miles on major overhaul, air tag axle Trailer - Trailmobile, 40' slider w/grain kit and tarp, A-1 condition, ready for work, $10,500 firm 215-869-9012.

1975 Tidrbrook 28' alum dump trailer 215-822-1720

1973 GMC 16' grain body twin cylinder hoist 366 engine 5 speed rear step tank 26,000 GVW 14,000 miles, excellent condition 717-434-2891

1974 Int Cargo Star, 1950B model, 225 Cat diesel, 10 sp Road Ranger, 38,000 rear end, 1120 tires, body 28' long, excellent for hay or grain 717-358-3129

TRUCKS & TRAILERS

1970 Diamond Reo truck, 26,000 GVW, good condition, $3500 717-626-8487

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900 717-866-4906

Wanted - Good semi trailer for hauling hay, single axle OK Must be good condition to pass inspection Hagerstown, MD 301-739-8035

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77 Mack F-786, 300 engine w/Jake brake, twin screw, 45' drop decks, 79 trailer, 35 ton w/moveable Beaver tail for machinery or will haul over 600 bales of hay $30,000 Very, Very clean and low mileage 215-434-7004

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361 V8 engine, auto. transmission, power steering, AM radio, 9:00x20 tires, 26,000 license

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with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

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80 Ford F250 Super cab pickup, 351, 4 speed, PS, PB, air, AM-FM, 13,000 miles, excellent condition, $6850 717 859-3291 or 717-733 4884

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For Sale - 1962 Ford F350 cattle truck with dual wheels Good condition 215-267-3983

TRUCKS & TRAILERS

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MISCELLANEOUS

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Refrigerator Case for eggs, open front, 4 shelves, 17" wide, approx 7' high 4" wide, bought new over $1000, asking $200 or best offer, 215 538 2500

Honey, local, unprocessed, mailed direct 1 gal (12 lbs net) $15 50 P P D, ½ gal $9 50 P P D Inverbrook Apiaries, R D 2, West Grove, Pa 19390

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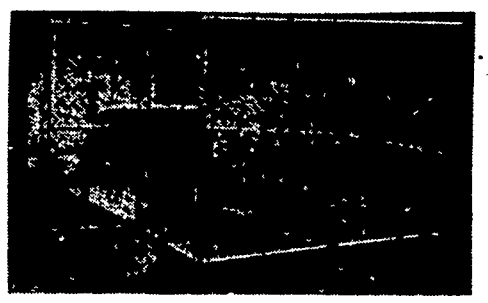

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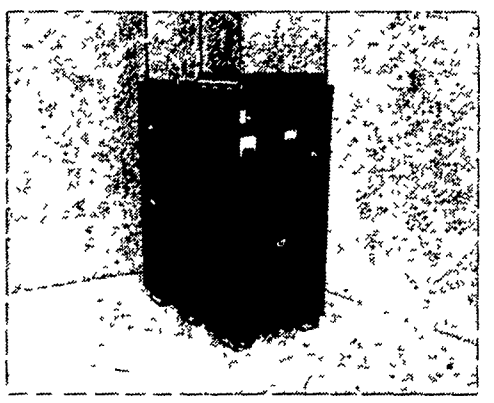

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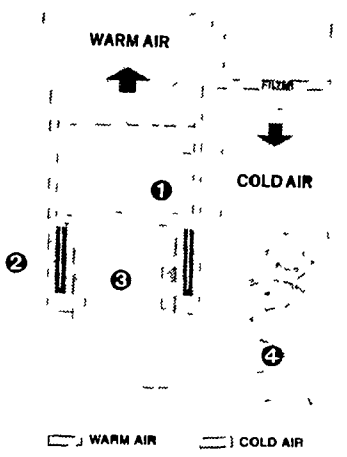

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...FOR SALE BY OWNER

Approach home by way of 70 foot (approximately) driveway off of hard road. Home is situated on approximately 3 acres of land, comprised of mixed hardwoods and conifers. Locality is far enough from travelled thoroughfare to be secluded, but not isolated. Halfway between Williamsport and Jersey Shore in Anthony Township. Up to 85 additional acres available if desired.

As you inspect the home from the exterior you will observe the ample parking space available, the tastefully landscaped grounds, and the peace & quiet of rural living.

The exterior of the 6 room and 2 bath home is covered with white insulated aluminum siding and has a 24'x10' raised deck at the west end. The entire house is equipped with Andersen thermopane windows with screens, and offers no access problems, as there are a total of 4 entrance ways.

Entering the house by way of the west entrance across the deck, one enters the spacious 15'x12' kitchen. Included in the kitchen are such features as built-in electric range & hood, frost-free refrigerator combination, double stainless steel sink, built-in cupboards located above & below the sink, and no-wax vinyl floor. Definitely the highlight of the kitchen is the built-in breakfast nook where you can enjoy those quick lunches and early morning breakfasts. Kitchen is paneled in hardwood & vinyl coated paneling in the cooking area.

The dining room is carpeted wall to wall, and has cathedral style ceiling with wooden beams & accoustical ceiling tile. Along the southern wall is located a sliding glass thermopane door, situated as to use the sunlight to its maximum advantage for light and heat.

The adjoining living room with its earthtone wall to wall carpeting and bay window, provide a cheery atmosphere for relaxing and enjoying TV on those dreary winter evenings. The decor of hardwood panelling and wall colored carpeting definitely given this spacious 26'x11' room a feeling of warmth and comfort.

Entering the hallway toward the east end of the house, one will notice a 10'x12' bedroom on the north side of the hall. This room also features wall to wall carpeting and a large closet.

Located across the hall is another bedroom, carpeted wall to wall, 8'x10' in size, with a full width double sliding door closet.

Continuing on, next we discover a bath located along the north side of the hall. This bath is equipped with a fiberglass shower & bathtub combination, electric vent fan, built-in sink and cabinet with lighted medicine chest & mirror. All accessories are white including commode, and accented by light yellow no-wax vinyl floor.

At the end of the hallway is the master bedroom. With its eastern exposure, one can awaken to the sunshine filling the spacious 12'x15' interior. Adjacent to the master bedroom is a full bath with molded fiberglass tub & shower enclosure with seat, a well lighted vanity with sink and full wall width sliding door closet.

Master bedroom and bath are wall to wall carpeted in a rich beige, short shag carpeting and, as is the rest of the house, heated by individually controlled electric baseboard heat.

The fully concreted basement has been divided into 4 sections. The family room which is 29'x22' is equipped with a "Frontier" woodstove that is situated on a flagstone pad, and woodburner is capable of heating entire house during winter months, or can be utilized for providing atmosphere on cold winter evenings. Entrance into the family room is provided by either a stairwell from the first floor or by sliding glass thermopane door from the outside. The entire room is tastefully panelled with barn wood accented with the heat resistant brick wall behind the woodburner.

Two smaller sections of the basement have been partitioned off to provide a laundry room with washer & dryer hook up, and storage room with shelves along two walls.

The last section of the basement has been partitioned off to provide a workshop with bench for the home handyman or tinkerer. To provide easy access for unloading of materials, the west end of workshop is equipped with a roll-up door opening onto the driveway.

Property has its own private drilled well providing chemically untreated drinking water. It is also equipped with an approved septic system.

To inspect this home, priced at only $49,000.

Call Jack Lowry at 717-398-1590

REAL ESTATE

MISCELLANEOUS

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REAL ESTATE

Blair County Farm For Sale 164 acre dairy farm Limestone soil in high state of Cultivation, Grade A milk market, hard road and Clover Creek running thru the center Will accept sealed bids til 1 P M EDT Aug 15, 5% of bid to accompany bid Owner reserve right to accept and reject any or all bids All unaccepted monies will be returned Mrs Elizabeth Brenneman, Rd 1, Williamsburg, PA Woodbury Twp For Appointment 814-832-3271

For Sale by Owner- 113 acre dairy farm in Essex County NY - 39 stall barn, 2 box stalls, milking equipment, 250 gallon bulk tank, 12x30 silo, ½ mile creek, 3 bedroom house in excellent condition, $70,000 Call 518-597-3326 after 6 P M

3 acre tract of land w/stream and barn, East of New Holland, $35,000 717-354-7577

For Sale - Dairy farm, 160 acres, 50-60 cow setup Silos, bunk feeder, facilities for 3000 chickens Walk-in operation Sell bare or stocked and equipped Lyc Cty 717-546 2848

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FARMS - FARMS FARMS
BERKS CO. FARM

69 acres w/lg main house, tenant house, bank barn lot or rd frontage, $175 000

BRADFORD CO. FARM

107 acre dairy farm 81 acres tillable, nice completely remodeled home, one of Bradford County's nicest farms $150,000

LANC. CO. FARM
Just Listed

Exceptionally nice farm w/lovely setting near Rheems, 4 bdrm house w/attached summer house modern bank barn for calf and heifer operation, 59 acres with 53 tillable Call for more info

SOLD

RONALD W KRALL REAL ESTATE

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REAL ESTATE

For Sale Farmette, approx 3 acres with produce selling potential, Hinkletown area along Rt 322, Lancaster Co 717-354 9397

FREE

Exciting Seasonal Edition, Catalog! Over 5,400 counties properties described pictured! - Land, Farms, Homes Waterfront Recreation, Retirement buys! Yours FREE from the World's Largest!

STROUT REALTY
1801 N. Front St
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Calls For Cattle

Dairy or beef cows should thrive on 165 acres M/L Soils in high state of cultivation, owner says Borders state lands for hunting 1000 ft on blacktop, service routes by Good 4-5 bedrm older home, bath, porches, oil & wood heat Grade A barn, 16x20 milkhouse, 3 silos Heifer barn Flowing springs, new lake $148,500 lets you own STROUT REALTY, Inc, P O Box 246, Troy, PA 16947 (717) 297-3034 Res, 888 4077 Free Local Lists

Go Grade A!

Stocked, equipped Penna dairy of 225 acres Ponds, wells, 180 tillable acres 100 cow capacity, Spacious 3-bedrm home Silos, 29-cow barn, other bldgs Fronts 3 roads, 5 mi to town, service routes to door Owner retiring $299,900 STROUT REALTY, Inc, Box 127A - Sigel Star Route, Brookville, PA 15825 (814) 849-5964 Res, 849-3282 Free Local Lists

STROUT REALTY

106 acre farm in Chester Co, House, barn and land need work High tillable ground-ample meadow. Total price $245,000 firm Call Hayes Real Estate 215-857-2141

For Sale Home in the country, situated on 4½ acres, 4 bedrooms, large living room, kitchen, dining room, full basement, oil and wood heat 26x32 Bank barn 2 mi north of Mifflinburg in Union Co Call 717-966-0363

For Sale- Six acre farmette two story seven room house in good repair, oil hot water heat, large bank barn, Columbia County $39,500 00 Call 717-458-5822.

For Sale- Newly remodeled home, three bedroom, two bathrooms, secluded setting on nineteen acres woodland close to town Columbia County $59,500 Call 717-458-5822

REAL ESTATE

A beautiful 2¼ wooded acres in Potter Co 4 miles from Coudersport, PA on Rt 6 12x65 trailer 1½ baths plus fully furnished, good trout fishing and hunting Price reasonable Call 717-993-2728

For Sale 105 acre farm near town Limestone loam soil 12 room house Block garage, wagon shed, silo Alfred S Rovenolt, Turbotville, PA, Upper Northumberland Co Phone 717 538 1622

One farm for rent 180 acres, 2 barns, 1 house, big machine shed All tillable, but 20 acres Write P O Box 366 L 160, Lancaster Farming, Lititz, Pa 17543

Farm 22A Hog Setup, total confinement, 2 chicken houses, 30 x 40 loading shed, 20 x 100 machinery shed, 20 x 40 grainery w/corn crib, 2-15 x 15 milk houses, 3 bedrooms, 2 baths, ranch 20 x 40 porch w/wood stove, in ground pool Paul Sharpley, Clayton, Dela 302-653 4484

Just below Mason-Dixon line in Maryland Secluded 6 BR house on 4 acres of land Nice barn, machinery shed and chicken house Possible 12¼% interest financing $55,000 Call 301-658-5413

REAL ESTATE

For Rent - dairy farm, 40 comfort stall barn with pipeline milking, 1000 gal bunk, 60 freestall barn, attached bunk feeder, 4 silos, Northeast PA, Columbia Co Reply to Box 366 R-65, c/o Lancaster Farming, Lititz, PA 17543

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF-7, WEST REAL ESTATE AGENCY, INC, 2728 Murray Ave, Pittsburg, Pa 15217

PRE CIVIL WAR HOME

Near Troy, Pa, pre-Civil War farmhouse with 70 acres, 8 rooms & bath, lovely stone fireplace, storm windows, garage & storage shed, a splendid country retreat and investment No B-7812 WEST REAL ESTATE AGENCY, INC, Office 12 Canton St, Troy, Pa 16947, Phone (717) 297-4046 or 297-2777

Farm Wanted to lease or lease with option by experienced farmer with references Must be able to handle 40 60 cows The North Central PA area or South Central NY is preferred After 8 215-562-4220

REAL ESTATE FOR SALE

Berks Co.

5 bedroom, 2½ bath, 2½ story stone home, immaculately remodeled, interior totally modern, oil & wood hot water central heating, guest house, large frame bank barn, corn barn. spring house. All on 23 acres w/spring, pond & stream thru property. Near Gilbert Assoc. Engineering Firm. Priced $149,000.

10 acres w/1 acre pond, ideal southern slopes w/wooded knoll to rear to shelter your solar home. Most in high state of cultivation w/wooded perimeter & row of 12 yr. old pin oaks, asparagus bed, cherry trees, exceptional view w/mountain in distance, $45,000.

19 Acre ideal for fruit & vegetable farm, highly visible on the intersection of U.S. 222, 272 & PA 568, land only $75,000.

4 acres commercial, $15,000.

Lancaster Co.

34 acres woodland, stream, hillside, mt. top & lowland. Will yield hundreds of cords of firewood just by thinning & trimming. Land perked, building permit available, $52,000.

Watertown, NY, 7 acre farm, frame house, barn, silo, stream, on Interstate 81 exit, 10 miles from Thousand Islands. An additional 150 acres available, $38,500.

HENRY GEHMAN REALTOR
215-445-6653

GOING DAIRY FARMS, COUNTRY PROPERTIES IN CENTRAL, PA WHAT ARE YOUR NEEDS?

Call Carl Diller at
KINGSWAY REALTY
RE Salesman & Auctioneer
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NEW YORK DAIRY FARM
427 Acre Dairy Farm

300 Acres in Alfalfa and Corn, Beautiful Big Fields, High pH soil, 130 Cow Conventional Barn, 6 Unit Pipeline Comes Complete with 75 Milkers and Full Line of Modern Equipment. Large Assumable Mortgage

For More Information Call
Posson Realty
Norwich, NY
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100 Dairy and cash crop farms for sale Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 A.M.

RICHARD E. POSSON REALTY INC.
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★ Over 300 Acres, 1 Set of Buildings For Dairy, 1 Set of Buildings For Beef, Terms $650,000
★ 12 Acres, With Good Bank Barn $65,000
★ 40 Acres, No Buildings..... $65,000
★ 235 Acres, Juniata County, Nice Home, Pond, 70 Tillable Acres, Sacrifice Price $165,000
★ 223 Acres, Modern Dairy Operation .. $450,000
★ Small Pig Operation..... $90,000
★ 26 Acres, No Buildings..... $52,000
★ 27 Acres, Prime Land, No Buildings ... $85,000

RICH BRANDT REALTORS
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OWNER FINANCING ON LAND CENTRE & CLINTON COUNTIES

We have farms and farmettes with attractive owner financing available
** House, barn and 5 acres, facilities for horses
** Double house, 12-14 acres, facilities for 400 swine and 40 head milk cattle
** Victorian house, up to 30 acres, facilities for milk cows
** Nice house, large inground swimming pool, suitable for riding horses & stable

Accent Real Estate
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State College, Pennsylvania 16810
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RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking Neff sville, Lancaster Co , 717-569-1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717 394-3047 or 717 626 1164

For Sale - Perry County, 1 to 8 acre woodlots, approved PH 717-438-3115

FARM FOR SALE Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres Fine net income Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO , 717-273 9351

For Sale - Property, ap prox 1½ acres with 40x80 shop and 36x80 shop and house with 12x80 porch, along Front Mt Road, Belleville, PA Sealed bids accepted until July 31 Owner has right to reject any or all bids For inspection phone 717 935-2056

$99,900 FARM, 112 acres, Wayne County, all fenced 1/3rd tillable 1/3rd pasture, 1/3rd woods Stream, springs, fabulous alpine views Sturdy bank barn, 46 stanchions, 4 stalls, barn cleaner 4 bedroom farmhome, equipment shed, 1000' paved road fron tage Reduced from $116,000 to $99,900 for quick sale Call George H Zerebak Realty, Rte 370, Lakewood, PA 18439 (717) 798 2113

2 story frame house, 4 bedrooms, kitchen, living room, ½ bath 20 x 40 2 Story Chicken House, other out buildings on 14 acres in country, Juniata County Garden and truckpatch area Balance in woodland for good hunting Small stream and never failing Spring Mostly road frontage Call 717-463-2337, 717 694-3144

120 A Farm for sale, beautiful stone house beside 3 A stocked lake 2 fpls 3½ baths, barn and other buildings, Call owner collect 717-582 4226

Two farms in Northern Dauphin County Both productive and good buildings Close to hunting and fishing One borders State Gamelands
JCT Realty, Inc
Millersburg, Pa
Agent Don Miller
717-896-3252

For sale by owner- beautiful 14 acres farmette, house, barn, pool, 4 mi from Penn State University. Call 814-466 6606

Farms - 90-1400 acres, Seneca Co. best soils, with and without buildings Warren L Coats, Broker Patterson Real Estate, Box 357 Ithaca, N Y 14850, 607-273-5656

DAIRYMAN'S DREAM
Lancaster Co Capacity for 350 cows, 12 unit milking parlor, 5 silos, 3 living units, 153 acres including meadow with yr round stream Terms 717 299-1100

Tavern For Sale Financing at 12%, 1/3 down Galeton, Pa Phone 814 435 2869

For Sale Perry Co Farm, 72 Acres + or , bank barn, house & other outbuildings Must see to appreciate Owner finance to qualified person Call 717-789 3616 after 9PM

FOR SALE
35,000 bird layer house, Big Dutchman equipment, completely automated, generator, Staalkat egg packer, egg cooling room, etc. 2 Br. mobile home, 15 acres, (additional acreage available). Northeastern Berks Co.
215-562-7776

Perry Co.
135 A Level productive land, good brick house and large barn, 2 silos, must sell to settle estate. Financing available, price reasonable.

250 A Large farm house with all conveniences, 100 tillable, 30 meadow, balance woods, with heavy timber, will subdivide. Price reduced.

Lebanon Co.
150 A Good producing land. Historic stone home and barn, can be bought with less acreage, financing available.

Lancaster Co.
27 A Woods, good access with owner financing.

BLUE BALL REALTY
Blue Ball, PA
717-354-4536

NORTHUMBERLAND CO.
117 acre farm. 8 room house with oil heat, 4 bay barn, high with creek frontage. Terms 25% down 12½% interest rate. This is a real opportunity.

Ask for Jerry Frey
717-898-8441

Warren Weaver Inc. REALTORS

FRITZ REAL ESTATE
316 East St., Bloomsburg, Pa.
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Bloomsburg Area Cooperating Realtor
Handling all types of Real estate.
SPECIALIZING IN FARMS, WOODLAND, ACREAGE, COUNTRY HOMES.

Due to our volume of country real estate sales, we need listings for farms and farmettes If you are considering selling, call our office for prompt professional service

THEODORE H. FRITZ REALTOR — **HELEN M. FRITZ** REALTOR ASSOCIATE

KENT COUNTY, DELAWARE 200 Acre Farm. New modern Dairy Barn with 50 comfort stalls plus 56 free stalls. 2 Harvestore silos. Large machinery shed, manure storage and many extras. Priced at $3,000 per acre.

SOUTHERN CHESTER COUNTY 70 Acre Dairy Farm with 15 additional acres under electric line. Modern 5 Bedroom home. Dairy operation with double 4 milking parlor. Assumable 5% 2nd mortgage to qualified buyer. $375,000.00.

MODERN DAIRY OPERATION on 20 acres with nice barn, pipe line and bulk tank. Fenced pasture and 10 year old Rancher with 3 bedrooms, located in the Cochranville area. This one's ready to move right in for $225,000.

OWNER FINANCING AVAILABLE on this exceptional 70 acre farm in East Fallowfield Township, Chester County, to qualified buyers. This farm has a large dairy barn, several outbuildings and an immaculate brick farmhouse in excellent condition with 4 bedrooms and many extras. Call to see this one today! $350,000. Additional acreage available

ERA ARNOLMONT REALTY
Rt. 1 & 41,
Avondale, PA 19311
215-869-8711 -
459-2700
692-8281

REAL ESTATE

LIMESTONE GROUND
STONE HOUSE
Huntingdon Co. 15 miles from State College, beautifully restored stone house for family plus 4 room all electric apartment, abundant spring water, second spring. Streams, farm pond, 100 tillable acres (predominant Hagerstown) 30 acres pasture, with barn and outbuildings. This is the house and farm for you! New Listing-late June 1981. Asking $260,000.

CALL
TRI COUNTY REAL ESTATE AGENCY, INC.
305 Penn St., Huntingdon, PA
814-643-5010 anytime

NEW YORK FARMS
358 acres, very good, 90 on pipeline, cleaner, 1000 tank, large heifer barn, 2 24x60 w/unloaders, good 3 NR house and good trailer. Assumable $90,000 FLB, 25 yr. mtg. only $150,000. with crops.

200 acres, excellent heifer or beef farm, very good 4 BR house, only $240,000

1100 acres, excellent cash crop, 3 houses, grain storage and handling equipment, $1,100,000, Good terms.

Samples - Try Us
Call 315-364-8311 8 to 10 p.m.
or write
Roy A. Tuttle, Broker
Box 338, Kings Ferry, NY 13081

CENTRAL NEW YORK STATE MODERN PORK PRODUCTION UNIT
★ ★ ★ ★ ★ ★
LEASE — WITH OPTION TO PURCHASE

With hog prices upward bound — **cash in** on the new cycle by acquiring these modern confinement facilities

Owner has new interests and desires to **lease, with option to purchase**

115 Sow Capacity 20 Crates, Two Snavely Buildings, 145'x25', fully insulated Farm office with lavatory, storage barn, 48 ton modern mill with pneumatic delivery, Northco equipment plus Aerovent Ventilation slatted pits with backflush system, primary and secondary lagoons with 300 sow capacity, three drilled wells plus 1 5 million gal pond Excellent one or two family main residence, two bedroom house trailer with two car garage 40 acres of land Excellent Hog Market 4 miles away

Reply to Box 366 R-63, giving brief summary of experience and qualifications, c/o Lancaster Farming, Lititz, PA 17543

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216 ACRE FARM IN IN ELIZABETHTOWN, PA
190 Tillable 20 Pasture

Property has 19 acres with 2,200 ft. of frontage on Route 230 zoned commercial.

A working farm with 90 acres soybean, 80 acres corn, 20 acres hay. Includes broiler house with 40,000 capacity, large brick barn, corn barn, steer shed, corn drier, grain bins and storage building. attractive 2½ story brick house in excellent condition with separate apartment on second floor. Asking $880,000.00.

COMMERCIAL-INDUSTRIAL REALTY COMPANY
Camp Hill, PA
717-761-5070

REAL ESTATE

$235,000
Springfield Twp. - Excellent business and farm with 72 acres Property fronts I-83 A chance to expand your horizons in business Owner financing available

$89,900
Windsor - This lovely farm has the extras to make country living a joy Mostly restored farm house, modern kitchen, zoned heat, new utilities, 4 bedrooms, barn and orchard

$82,500
Spring Grove - 10 acre farmette, large 8 room house w/beautiful view Plus bank barn for your livestock Owner financing possible

$105,000
View the valley from this charming 3 BR 1½ bath rancher overlooking 44+ private acres with pond, on the MD line 2 stone fireplaces Owner financing Hurry!

Ron Bradley Inc.-REALTORS® — Better Homes and Gardens®
York Office 717-741 4646 — Shrewsbury 717 235-3814

CENTRAL PA FARM & LAND PARCELS
Over 35 listings including operating farms, farmettes, rural land and recreational land. Call or write for a free list. **Watch for complete farm inventory ad next week or refer to last weeks edition.**

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422 8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors
Frederick J Kissinger, Realtor
William H Leonard, Realtor
245 S Allen St ,
State College, PA 16801
(814) 234-4000

PENNA FARMS
CUMBERLAND CO.
161 A. GENERAL
Level sandstone soil, 10 room stone & aluminum house, large bank barn. OWNER FINANCING.

HUNTINGDON CO.
166 A. DAIRY
Spacious brick rancher with attached office & 2 car garage, bank barn, implement storage, timber, stream, road frontage, plus 1 room brick school house.

136 A. DAIRY
Bank barn, 20 tie stalls, 300 gal. tank, silo, stream & road frontage - Trough Creek Valley.

"GIVE US A CALL"

Charles Wenger, GRI 263-0945
Wilbert Diehl 258-3231
George Ebener 249-4979
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

KEY REAL ESTATE
108 York St Hanover Pa 632-6400
Gettysburg 334-8144
Westminster 301-848-0080
York 845-4810

L-3402 Adams Co. horse farm, 100 acres all fenced, 104 x 120 ft. horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool. Nice setting at $310,000. May be purchased without rancher home and 10 acres for $230,000, 12% financing.

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers $310,000.

L-3469-1 Adams Co., land 100 acres level 75% tillable, balance wood land. $135,000. Located near 136 acre dairy & poultry farm

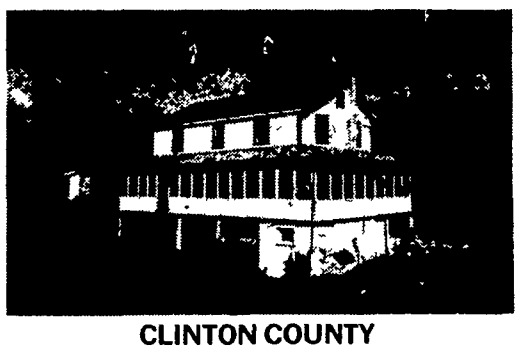
Office - 717-632-6400

135

REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE | REAL ESTATE

460 Acre Productive Farm
TIOGA COUNTY

Three barns, two homes, and numerous outbuildings, make this one of the largest remaining northcentral Penna. farms. Over 230 acres tillable, 2 wells, 2 streams, 4 ponds.



CLINTON COUNTY

Outstanding 184 acre sheep, beef, or dairy farm. Bank barn, milk house, silo, 80 ac. tillable and 26 ac. pasture. Excellent 4-bedroom home in private location only short distance off I-80, $180,000.

Other listings available.

LESTER F. BOWER, INC.
REAL ESTATE
Williamsport
717-323-9452

DOUGHERTY AND TWIGG INC REALTORS

1513 CEDAR CLIFF DRIVE
P. O. BOX 701
CAMP HILL, PA. 17011

MAGNIFICENT 1860 COLONIAL amid 30 picturesque acres an additional 65 are avail Fully restored with 1860's charm & located in R D McClure There is a 3 level open staircase 3 working fireplaces hand hewed beams in the ultra modern kitchen the 12x22 formal dining rom and the living room Also an 18x30 entertaining center w/gas barbeque, a pool, barn and other out buildings **OWNER WILL CONSIDER FINANCING!** Blair Gray 761 1690 after hours 248 6580 or 734 3273 (6C1190)

5C235 HORSEMAN - Ideal location on the W Shore within minutes of Penn National Horse stable riding ring and 15 beautiful acres Also a magnificent restored farm house This property defies description! Call for a private showing Jim Kriebel 761 1690 after hours 761 4796

56 ACRES FARM DUNCANNON AREA with a 3 bedroom house in excellent condition Also includes a large barn and garage plus frontage on 2 sides of hard road Priced to sell at $125 000 Jean Twigg 761-1690 after hours 763 4409

6C2450 PERRY CO FARM 145 ACRES of prime ground plus a nice 2 story 4 bedroom 2 bath home Buildings include an alum barn 50x100 2 Fickes silos 50x100 and a 30x60 machine sheds also a holding pen and corn cribs Don't miss this fine property! Blair Gray 761-1690 after hours 1 248 6580 or 1 734 3273

342 ACRES NEAR NEW BLOOMFIELD plus a random rock custom ranch with large rooms and gracious features thru out You'll enjoy the 14x26 living room with glazed brick fireplace wall the 12x22 Rutt kitchen with cherry cabinets 2 ultra modern baths There is a 26x38 garage a 24x28 maintenance bldg 40x128 steel bldg (1972) and a 32x64 pole bldg 144 acres of farmland, 191 acres last timbered in 1943 stocked pond 6C4580 Blair Gray 761 1690 or 248 6580 or 734-3273

6H979 SOUTHERN COLONIAL on 19 acres (3 wooded) with a lovely view just 3 mi from Newport Featuring 3 bedrooms 2 baths a 12x28 living room a 1st floor family room and laundry Also a new 30x48 metal barn Blair Gray 761 1690 after hours 1 248 6580

FIELD STONE FARMHOUSE on 3 5 acres with a hugh stone barn This unique property in Fairview Twp offer 4 fireplaces including a walk in in the country kitchen and one in the master bedroom Private location 2 baths central air truly a ONCE IN A LIFE TIME opportunity! 4C1129 Jim Friebel 761 1690 after hours 761 4796

OTHER FARMS AVAILABLE

FARM FOR SALE

153 (Approx.) Acre Dairy Farm, Tioga County, Pennsylvania. 100 acres of nice laying tillable ground 36' wide x 150' long Dairy barn with 55 stalls plus; second barn 54'x56', 12'x30' Tile Silo, 1-16'x15', 1-16'x60' concrete stave silos; 2 barn cleaners, 570 gal. Sunset bulk tank w/washer; 4 or 5 bedroom remodeled & insulated farm house, 2 baths and vinyl siding $135,000.00

Also new 3 bedroom modular home with 2 car garage & family room downstairs; 1½ acre of ground & spring water $39,500.00

(Separate Deed from Farm)
Sell together or separate
Phone 717-549-3883

(28-T) In PA. near Emmitsburg, Md 24 acre poultry and fruit farm, 32,000 pullet capacity, approx. 8 acres of apples, 8 acres in hay, 5 acre pasture with pond Large implement shed, garage, plus bank barn with loafing area for your livestock. Very nice 2 story home with 3 bedrooms, 1½ baths, den, rec room, modern kitchen, dining room and living room with fireplace A must to see $192,500.

(84-T) Near Gettysburg, PA. 49 acres of ground with nine room 2 bath stone house built in 1787 with 5 fireplaces in working order. Barn, supporting buildings, stream, woods and tillable land. Excellent condition $198,500

(76-T) 14 acre farmette near Gettysburg, PA 3 bedrooms, 1½ bath brick home. Separate 4 unit rental, 2 car garage, barn and pond. $89,500.

(63-T) Looking for privacy? We offer this larger 4 bedroom, 2 bath home on over 3 acres near Fairfield, Adams County, PA. Very nice and only $64,900

(55-T) 30 acres of woodland located West of Gettysburg, PA next to State Forest Lands. Asking $34,500.

Call 717-642-5851

TOWN AND COUNTRY REAL ESTATE
Fairfield, PA

SNYDER CO.

Total 229 Acres, silos, grain bins, these 2 neighboring farms (130 Ac. & 99 Ac.) could be worked together.

115 Ac., Col. brick home, Appr. 1 mi. front, Rt. 11-15.

28 Ac. general, can be divided.

3 LIMESTONE FARMS
Northumberland Co.
in the same neighborhood

128 Ac., 58 stall setup, lays nice. Poss fin., make offer; 105 Ac., 100 steer, bl. silo; 100 Ac general, 14x60 silo, 5 br. home, view of river.

193 Ac. + (85 rented Ac. avail. nearby) 62 stalls, heifer barn, nice home, Bradford Co.

123 Ac. going Danville Dairy w/50 stalls, rented ground available.

160 Ac. dairy, gen. Juniata oft 322, nearby 72 Ac. front, no house, good location.

126 fert. Ac., bldgs., stream, own. fin., Col. Co.

50 Ac. Res. stone home, gentleman estate, stream, priced reasonable, So. Lanc. Co.

42 Ac. with stream, 6 mushroom houses which can show $60-70,000 net profit, new Cape Cod brick home, 4 br. home, Lanc Co.

Wanted - a go getter with some down payment for this low price 108 Ac farm - Danville area

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717
REALTOR

---

190 acre general farm, $228,000.

98 acre Amish farm, 28 stanchion dairy, $169,000.

170 acre fruit farm, apples & peaches, beautiful restored brick farm house, modern migrant quarters, manager available, 20 year financing package. Call now!

6-10 acre farmettes, $22,000 each.

46 acres Lancaster Co., zoned agriculture.

8 acre farmette, Ephrata area, $69,000.

116 acre limestone farm, modern beef farm & double stone & brick farm house.

Many other farms available. some in Mid-season.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J Irvin Denlinger
717-898-8962

CENTRAL NEW YORK OFFICE

FISHERMAN'S DAIRY presently shipping milk 113 acres good vegetable land, more available to rent Trout hatchery feeds into stream that runs thru 39 very large stalls in barn with 50' silo and bulk tank Tastefully decorated 8 room home, only 6 years old, has full basement & fireplace **JUST LISTED AT $77,000** Bring your pole! FREE DAIRY LISTS

CALL SLOANSVILLE: 518-875-6355

SOUTHERN NEW YORK OFFICE

HANDLES LARGE HOLSTEINS. 400 acre farm would be twice the price if spruced-up, has good 70 tie barn with cleaner, 600 gallon tank, two 10 ton feed bins with mill, 2 silos, unloader Lrg machine shed Two homes ASKING $175,000 **BUT WILL CONSIDER ALL OFFERS!** FREE LISTS

CALL TRUMANSBURG 607-837-9303

ST. LAWRENCE VALLEY OFFICE

"A REAL MILK-MAKER": excellent corn and alfalfa soils here, 208 acres sandy loams, 138 tillable Small lake, yr round stream 74 ties on Conde 2" pipeline, (2) 20x60 unloading silos Heated machine shed Btfl home, 22x34 family room w/fireplace 74 milkers shipping 2 tons/day 3 tractors, new mixer grinder, complete line of machinery $355,000 with liberal terms FREE PHOTO BROCHURE

CALL GOUVERNEUR 315-287-4163

— FREE DAIRY CATALOGUES —

WIMPLE REALTORS
HEADQUARTERS
SLOANSVILLE, N Y
518-875-6355

MENNONITE AREA

300+ ACRES

99 free stalls, 6 stall BouMatic parlor. Large concrete silo and automatic feeding system Heifer barn plus several outbuildings Very good home with inground pool. 300 total acres, 150 tillable, 75 pasture, 75 woods. Maple syrup operation and equipment. 70, 16,000 DHI cows plus y.s Complete Sewer line of equipment Lock, stock and barrel including crops $440,000 with terms available For more information or an appointment call Al Fayle, 315-376-3102 We have many more

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

MAKE AN OFFER on this 8½ acres more or less with delightful 4 BR farm house with in-ground pool, owner financing at 10 percent interest! Ideal for horses! Southern York County area BAUGHMAN REALTORS, YORK, PA 717/741 4671 or 717/862 3869 (12300)

DAIRY FARM FOR SALE

Bradford Co, Pa, 217 acres, new Bou-matic double 6 milking parlor, 2 Thermo-stor units, new 1000 gal bulk tank, new electric wiring in barn & dry cow heifer barn, fairly new 30x60 machine shed, 16x40 silo & unloader, new hay & alfalfa seedings, heavily limed & fertilized, one pond Two story home, new steel siding, windows & roof Completely remodeled inside, 6 rooms downstairs, one bath, 4 bedrooms, basement, over looking lake

Call Anytime
717-888-9312

MIFFLIN CO.
$29,500

Modern veal barn, 104 capacity, all equipment included 10 acres with stream, no house, good building site Excellent opportunity No Sunday Calls

717-899-7418

FARM FOR SALE

44 acre poultry farm, 37 acres tillable, 32,000 layer capacity, possible owner financing available. If interested write

Box 25
Quarryville, PA
17566

FARM FOR SALE

CENTRE COUNTY
NEAR LAMAR OFF RT. 64
NITTANY VILLAGE

101 acres more or less Dairy farm 70 acres tillable Nice 2½ story house with bath Large Dairy barn 80x110, 33 stanchions 16x18 milk house 14X by 55 silo box stalls 10 horse stalls, corn crib, limestone land Large meadow, large permanent stream Good well Spring water flowing by gravity to farm buildings Terms 25% 1st year, 10 years 10% interest Asking only $1600 per acre Early Possession Availab le Oct 15 1981

MAURICE E. LEHMAN, BROKER
1960 Horseshoe Road,
Lancaster, Pa
717-394-2460 or
Daniel E Snader, Agent
New Holland RD3,
Pa
717-656-7789

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CENTRAL PENNA. FARMS

JUNIATA COUNTY

125 acre poultry and hog, 10,000 broiler contract. New ranch house. Call Mr. Crawford.

27 acre farmette. Modern masonry house, bank barn, stocked farm pond. Call Mr. Crawford.

MIFFLIN COUNTY

225 acre dairy, , 27 tie, 3 silo, financing. Call Mr. Crawford.

PERRY COUNTY

89 acre limestone general, Amish neighbors, financing. Call Mr. Benner.

109 Acres Woodland. Call Mr. Orris.

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

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GREGG R. BITTING - 717-789-3368 or 789-4513
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NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

VEAL FARM - Presently 120 HD operating Veal Farm with potential for 300 head or more in 3 large existing buildings. Contract available for sincere buyer. Garage & workshop. Gas operated generator, 2 wells. Gorgeous 3 BR house remodeled in the best of taste, attached garage, much more. All on 28 ac. All ready to go for the young tiger. Possible lease purchase. $79,500 W-570 PH: 717-724-5921.

TIOGA COUNTY - 140 acre dairy farm, 50 stalls, barn cleaner, 2 bulk tanks, milking units, 18x55 silo, 20x28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner anxious. Only $140,000. W-545 PH: 717-724-5921

HILL CREEK LAKE FARMETTE - A view you won't forget! Your own stocked pond, just behind the house. Landscaping and nature trees money can't buy. A Large beef barn The Quietest paved road in the county. A 12 rm., 5 Bdrm. well kept home totally heated by wood with fuel oil backup. All on 23 ± acres for just $69,900.00. M-222 PH: 717-662-2138

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TIOGA & POTTER Counties call or write
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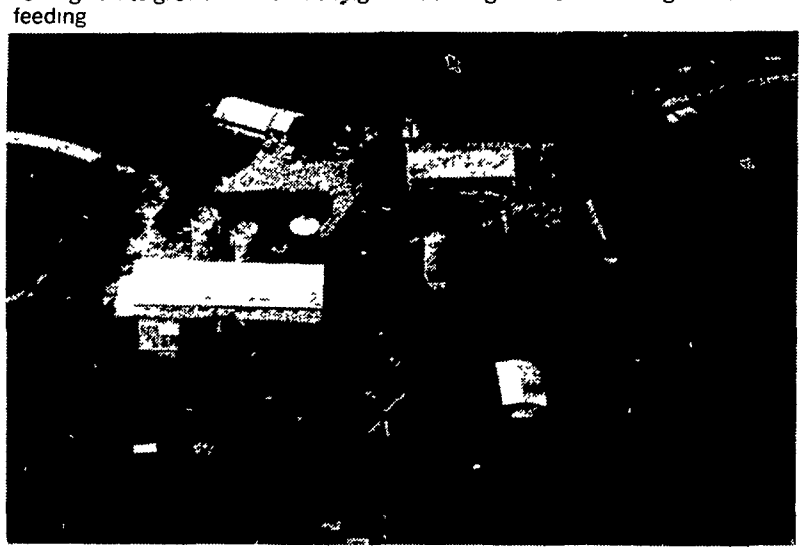
SOUTHERN MINNESOTA LIVESTOCK FARMS IN THE HEART OF THE CORN BELT

Ultra-modern hog set-up with modern home-36x116 hog barn with pit-34x80 finishing buildings-two Harvestores-steel machine shed grain storage Every thing in excellent shape

86 acre complete hog facility two homes one Rambler built in 1974-Two farrowing units grower unit finishing unit-two gestation buildings automatic feeding



302 acre Dairy farm nearly new home 50 cow barn Harvestore and two stave silos machine shed mostly new buildings

237 acre stock farm Modern two story home two large barns pole shed and hog house Brand new grain handling set up

All of these farms can be bought on contract with minimum down payments
We have additional listings available

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LARGE Modern Dairy Operation - 200 free stalls - 20x60 Harv. - 20x60 Rib - 20x70 Crop Store - 2000 ton trench (150x33x11') 25x70 Parlor with Dbl/six Bou-Matic - 4000 gal. Dari-Kool tank - 32x70 and 25x70 calf barns - 7 bedroom house is completely remodeled - $8000 Bath - large new Built-in Kitchen - Laundry room - Family Rm. w/patio doors & wood burner - ½ mi. road frontage 20x40 pool. $950,000.

HUNTINGDON COUNTY:

New Listing: Near Rt. 26 - 284 acres - 120 tillable (some limestone). Best looking corn in area - 80 acres wooded - bal. pasture - good 4 Bedroom house - large bank barn - Buy all for $186,000 - 100 acres house & barn, $107,000 - 30 acres & bldgs. $54,000 - 200 acres land only $600.00 per acre - less acres slightly higher

106 acre farm, house & large barn Plus 86 acres adjacent land at low rent. $10,000 down, bal. at 8% - $90,000.

100 acres - 80 tillable - house, barn, pond - level - $98,500.

94 acre Dairy - 40x100 46 tie barn - 18x60 - tank - 4 B/R house stream - $175,000.

New Listing: Shirley Twp. - 185 acre hog operation - 65x42 bank barn set-up for hogs - 50x105 metal finishing house w/4' pit (400 tons) 23 pens - 30x36 attached shop - 30x85 Farrowing house w/30 pens - older 16x172 finishing house - 36x60 loafing barn - other bldgs. - 2 10,000 bu. grains bins - 1 14,000 bin - 2 sets scles, 1 state inspted - Many augers - 16x40 silo - 3 B/R remodeled home $319,000.

BEDFORD COUNTY:

465 acres 80% tillable - buy all or part - make offer.

Call United for your farm needs in Blair, Bedford, Hunt & Mifflin Counties

Farm Listings Needed

UNITED FARM AGENCY of PA., INC.

Real Estate

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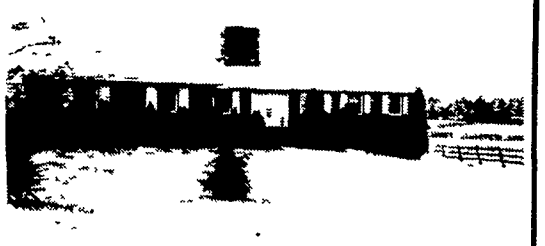
Roaring Spring, Pa 16673
814 224 4464

Kingsbury and associates



22+ ACRE HORSE BREEDING FARM

View each of the 5 large pastures and 3 paddocks from almost any room in this custom, brick front rancher The home boasts 3 BR's, large LR/DR combination, 2 fireplaces, full basement, 3½ baths and in-ground pool. All outbuildings are in well maintained condition· 2 bedroom Carriage House with 3-car garage and 2 large barns with 20 stalls, full hay storage above, plus tack room By private showings to qualified buyers only. Exciting and profitable offerings at $350,000.

DON'T BE AFRAID TO LOOK

At this 41 acres of tillable land and Victorian brick home situated in Bedminster Township The farm has many outbuildings and the house could be a two family unit each with 4 bedrooms, living room, kitchen and bath $256,500

215-345-7300 The Problem Solvers

REAL ESTATE

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MARYLAND, CECIL COUNTY, RISING SUN: 180 acres, 160 tillable, two homes, bank barn 60' x 65', 156 free standing stalls, three silos, 6x6 Bou-matic milk parlor, 4000 gallon stainless tank, corn crib, Badger-Ram system presently milking 200 head, entire farm, land and buildings, in excellent condition. Lays high and flat.

MARYLAND, CECIL COUNTY, RISING SUN: 84 acres, 75 under cultivation, two homes, bank barn 64' x 40', 34 comfort stalls, milk house, two silos, corn crib, 1250 bu. capacity, farm adjoins above farm.

PENNSYLVANIA, CHESTER COUNTY, WEST NOTTINGHAM TOWNSHIP: 390 acres land, no buildings, 300 acres tillable, some woodland, extensive road and creek frontage, excellent site for a cluster of four or five Amish farms. Will sell all or part

PENNSYLVANIA, CHESTER COUNTY, EAST NOTTINGHAM TOWNSHIP: 142 acres, 116 tillable, two homes, 60' x 130' barn (two years old) lower level contains milking parlor, 80 free standing stalls; 2nd level open bay 60' x 130', block building 30' x 80' utilized as calf pens, two 1200 bushel corn cribs, silo 26' x 65' storage capacity 1,000 tons, all buildings in excellent condition.

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CUMBERLAND COUNTY DAIRY FARM
126 Acres, Bank barn, 27 tie stalls, 12'x50' Silo, Beautiful pond. 2 story frame house-completely modern. Property has been under good management, and buildings are in excellent condition. Location is ideal. Possession-April 1, 1982.

70 ACRES
Cumberland County, Upper Frankford Township, 4 bedroom frame and aluminum house, Bank barn, 5 stall horse barn, 4 acres of orchards, 3 car garage, all buildings in excellent condition including a 1972 mobile home.

127 ACRES
2 houses, Barn, garage, wagon shed, zoned Residential/Suburban, located just outside the Borough limits of Carlisle and appx. ¼ mile off Interstate 81's Carlisle-College Street Exit.

18 ACRES
2 story brick house, garage, wagon shed and a stone barn. Very prestigious area and perfect for that small farmette that you always wanted in the middle of the Cumberland Valley.

84 ACRES
Cumberland County, limestone soil, house needs restoration but could be one of the area's best show places. House is all brick and has new roof, new porch and new windows. Call for additional information and exact location.

OFFICE HOURS: 8 O'Clock A M. till 9 O'Clock P M

REAL ESTATE

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62± acre general farm, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable, 15 pasture, 10 wooded Owner financing, 25% down, 12% interest, $79,000

20 acre farm, fortified bedrooms, beautiful setting, bank barn, machinery sheds, corn crib, gravity water, 10 tillable, 8 pasture, 2 acres woods, $79,000 possible terms

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000

Lykens Valley **Price Reduced**

160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo, stream borders large 6 bedroom home, secluded $400,000

Lykens Valley - 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

Several 400-500 Acre Farms
150 acres, 6 miles fro Lykens Valley, 90 level tillable acres + 20 pasture, house and bank barn or rent with option to buy $235,000

Plain Acreage
49 acres secluded but near I-81 15 tillable, balance wooded, some timber, excellent deer hunting, possible terms at 12% interest $39,000

1 acre to 22 acres
PETER B.

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Real Estate
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FRANKLIN CO.
270 acres modern dairy farm
77 acres with house & barn, good land

LANCASTER CO.
14 acre farmette N W of Elizabethtown
Van Cleve Real Estate
717-392-3032

REFINED HUNTING & FISHING LODGE
On 200 acres, adjacent to SGL, N Cent PA Superior Trout stream runs 32' thru property Substantial owner financing at attractive interest rate
Peggy L'Heureux Real Estate, Inc.
4 E. Third St.
Williamsport, PA 17701
717-326-6541

SELLER WANTS ACTION
Price and terms negotiable on this excellent 160 acre dairy farm located along Rt 272 in W Nottingham Twp, Chester Co with plenty of land for 2 farms Call now for a tour at your convenience

FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

PAUL M. Longacre FARMS AND COUNTRY PLACES

DAUPHIN COUNTY
86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/centez auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000**

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

BEDFORD COUNTY
200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

BRADFORD COUNTY
NEW
437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living. 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

WOODED ACREAGE
11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY
149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal diningroom, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

SNYDER COUNTY
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area. **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property $36,000
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000

JUNIATA COUNTY
REDUCED
160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY
16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312

COLUMBIA COUNTY
180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~ make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000 #309

NEW JERSEY
80 acre dairy farm, gently rolling to level, streams & pond. 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm, & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Top selection of dairy and other farms in Central N.Y.

Lists Available Call

Farm and Rural Property Specialists
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Auriesville Rd
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N Y 12072
518-922-6301

SNYDER COUNTY

150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.

White Deer
LYCOMING COUNTY

90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.

DONALD R. WITWER REAL ESTATE
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

78 Acre Perry County Farm

55 Tillable, 15 timber with pond and spring. Good 4 BR farm house with full bath. New well, 7 yr. old OHW furnace. L shaped barn 40'x60' with 30'x30' straw storage, 4 stalls, 2 story chicken house, machine shed 30'x60', 1400' hard road frontage. Owner financing available.
To see call listing Agent,

Wayne Hartzell or CHAS. ADLER & SON, INC., Realtor
Newport 567-3266
or
Harrisburg Office 238-0481

ERA

114 Ac. beef/horse farm 75 tillable pond large road frontage, exc 5 BR home, owner financing $88,000 (D 173)

Cabin Retreat, near State Land furnished exc condition $16 500 (M1395)

14 Ac 36'x40' 9 stall barn tack room $12 500 with terms (M1157)

24.6 Ac $14,600, 38 6 ac $22 000 or, 63 ac for $36 625, terms private views (M1350)

66 Ac near State Land 2/3 wooded good access distant views $36 000 (M1355)

ERA Homestead Rlty
267 S Main
Mansfield, PA 16933
717 662-3287
Robert Dinger R A
717-549-4792

REAL ESTATE

FAMILY FARM

145 acres, 90 tillable, barn ties 35 head, bulk tank, dumping station 18x50 silo, heifer barn and machinery shed 9 rooms, 4 bedrooms, 1 bath house $82,500

DON'T MISS OUT

360 acre dairy farm. 155 tillable, 90 cow barn, 1000 gal. bulk tank, 2 20x50 silos with unloaders Good 4 BR house and 12x65 mobile home All for $145,000

Send for free property list

McKEE REALTY
Roger McKee Broker
Main Street
Cincinnatus, NY 13040
607-863-4181

2 NEW LISTINGS IN SO LANC CO

77 acre dairy, 39 tie ins and stanchions extra loafing area for 30 cows 600 gal bulk milk tank stream in meadow 16x50 concrete silo modern 3 bedroom house

123 acre beef and poultry farm one 2 story lgr poultry house 40x204' room for 15 000 layers one 2 story layer house 34x60 room for 4 000 layers lg frame bank barn set up for steers lg 4 bdrm brick house, modern home in exc cond with lg rooms also frame 3 bdrm modern house

PERRY COUNTY

130 acre modern dairy near Ickesburg 120 acres tillable 42 tie stalls pipeline milkers 120x70 & 110x40 Harvestore silos large metal implement shed & shop Ready for todays dairyman
REDUCED TO SELL

LEBANON COUNTY

24 acres near Frystown 2½ story 3 bedroom house with modern conveniences 2 mobile homes 1 car garage & workshop

YORK COUNTY

69 acre general farm near Airville Pa 38 acres tillable balance in pasture & woodland 4 bedroom house bank barn corn barn 100 sow farrow to finish 2 yr old University of Nebraska type hog operation Don't miss this one!

57 acre general farm near Delta Pa 3 bedroom house pond with stream in meadow 25 acres tillable balance is woodland

32 acre general barn near Norman Wood Bridge

BERKS COUNTY

75 acre general farm 45 acres tillable 15 acres wooded 15 acres meadow, 3 bedroom house large frame bank barn

31 acre farm w/campsite 2½ story dwelling bank barn room for 160 campers Some full hookup some rented on permanent basis

SCHUYLKILL COUNTY

54 acre general farm east of Pine Grove Pa 38 acres tillable 12 acres wooded no house bank barn 3 story poultry house, corn crib, 10x40 silo

MONTOUR COUNTY

10 acres 6 miles North of Danville opposite PP&L Lake Zoning approved for building An unusual opportunity to get a desirable property viewing a beautiful lake

LEHIGH COUNTY

85 acre general farm, lg frame bank barn modern dwelling w/kit & dining area LV rm 3 br & bath 75 a tillable stream & meadow w/road frontage

CLINTON COUNTY

47 1 acres totally wooded, ideal hunting & fishing borders State Forest land

LANCASTER COUNTY

25 acres between Mt Joy & Manheim over 1000' road frontage, some tillable woodland & meadow with stream no buildings

13 acre farmette between Mt Joy & Manheim 4 bedroom house, bank barn, garage & implement shed, road frontage on 2 sides

10 acres totally wooded near Schoeneck, Pa 2 bedroom dwelling

8 acre farmette North of Ephrata 3 bedroom stone house, large bank barn tobacco shed & corn barn, meadow with stream An ideal rural setting

9 acre farmette near Adamstown Pa 3 bedroom house bank barn, meadow with stream

Woodland: (1) 6 & (1) 8 acre tract North of Ephrata
(1) 5 3 acre tract along Texter Mountain Rd

Building Lots Perked & Approved for Building
S Newport Rd , Upper Leacock Twp
(1) 1 4 acre approved for 4 units
(1) 17,000 sq ft lot
(1) 16 000 sq ft lot
W Cocalico Twp - (1) 1 1 acre lot
E Cocalico Twp - (1) 1 1 acre lot

Some properties are owner financed to qualified buyers

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NORTHERN NEW YORK FARMS

350 AC tillable lots of wood Good Buildings Pipeline milking Excellent cattle & equipment Could easily be converted to free stall

160 AC Good house and barn Silo New Milk house equipment $140 000

CASH CROP FARM Nice flat land now in dairy operation Can be bought bare or stocked & equip

HEIFER OR BEEF OPERATION Barn & completely remodeled house 50 ac more available

FURNISHED camp on small lake good boating swimming fishing $14 500

WOODLAND 101 Ac large house good hunting Also fishing swimming boating in a nearby lake 380 acre mixed wood all sizes $39 600

F H A APPROVED 175 Ac Farm with 2 sets of buildings Good farmland meadows tile drained 10 Yr old barn Stone house Built 1838 has modern kitchen three fireplaces STOCKED & EQUIPED $250 000

FOURNIER REAL ESTATE
Gouverneur N Y 13642
315-287-4065

MAILBOX MARKET

For Sale 10 springing heifers /1/ 263 1518

Wanted Post hole digger, 3 PTH will buy or trade for JD #5 7' mower, 3 PTH Kirkwood 71/ 529 6715

Wanted- 986 Farmall w/cab red seat low hours, also NH 8 forage wagon, both must be in good cond 717 36/ 2033 Dauphin Co

For Sale Owatonna skid loader, dsl , $3500 717-626 6142

For Sale- AC D21 cab, 24 5 32 tires fully equipped, exc cond Frederick Co , Md 301-845 8929

Having given up feeding silage, we now have available for sale complete set of silage harvest eq & auto auger feed system Call for appt 201-534 4644.

For Sale Holstein 1st calf heifer, purebred, no papers home raised weighing approx 1050 lbs , due in Aug asking $1100 Chester Co 215 383 0581

For Sale Cheviot ram, 1½ yr old Lanc Co 71/ 665 3516

For Sale- Corn crib to take down, oak lumber & wire 50'x14'x5 with roof $500 or best offer Cumberland Co 71/ /76 /465

For Sale 1966 Chevy w/366 motor 5&2 speed, 400 bu grain bed & hoist, 33,000 GVW inspected & in use $3,000 York Co /1/ 244 3760

For Sale Heavy hand hewn barn beams, all sizes and lengths, homemade port cattle ramp, 215 856 5098

For Sale AC WD 45 good cond , $1295, 1969 VW Beetle, good engine needs work $250, 301-374-2484 Carroll Co

For Sale 1962 Ford F500 van truck w/hyd tailgate, JD 4 btm mtd plow, good cond Midd Co , N J 609-448 1241

For Sale 1972 GMC Jimmy, some rust, also two trailers 1½ ton army surplus and 2 axle tag along Tioga Co /1/-324-2804

For Sale Mule, mare, 152H, 14 yrs , Belgian dam, & Pres Jack, work sgl or dbl , come with harness & cult $950 609 692 9053

Wanted 1 pr culters for Ford 24 mower old part #WW 1501 new part #5 3494 Mont Co 215 947 2815

For Sale Reg Redlane Coonhound pups sire grandson of Timber Chopper, Dam daughter of Woodpecker guaranteed satisfaction 703 434 8510 Harrison burg Va

For Sale Clay 21 comfort stalls also 2 ton feed bin in good cond /1/ 345 85 - Sch Co

MAILBOX MARKET

For Sale MF 97, 100 + h p , hyd 2 valve, 4 whl dr A 1 cond $4500 Anne Arundel Co Eves 301 741 9589

For Sale JD A wfe very good cond , $1,000 Lehigh Co 215 298-2803

For Sale MF 230 tractor, 240 hrs & reg Polled Herefords Sus Co /17-222 4416

For Sale JD 30 combine JD 234 corn head, JD 8W mower, Dauphin Co /1/ 545 2950

Free to good homes - German Shepherd pups, bred for protection Albert L Wible, Box 107, Hustontown, Pa 17229

For Sale- 16 h p Sears tractor, cast iron engine, OH valve, 48' sickle bar mower, other equip A 1 cond Cecil Co , Md 301 658 4213

For Sale Gentle mare pony rides & drives /1/ /68 8569

For Sale NI side delivery hay rake on steel wheels, $120 215 6/9 4069 Bucks Co

Wanted tire and wheel for NI manure spreader, /50x20 215 258 2664

For Sale Bumper pool table with balls & cue sticks, exc cond 215 383 4650 Coatesville, Chester Co

For Sale- PTO NH baler, model 66, good cond, $450, or best offer /17 957 3350 Perry Co

For Sale- Goats all sizes some milking $35 and up Perry Co 717 /89 3506

Wanted- Coin reference books commonly called Redbooks" by R S Yeoman, paying $3 each for 194/ through 1951 302 998 2321

For Sale- Gentle Jersey family cow due Aug 1, $/00 Also, 2 Hamp xSuffolk yrlg ewes $65 Gloucester Co 609 769 3639

For Sale JD #10 sidemount mower to fit 1010 2010 also brackets to fit 430 435 asking $175 or best offer Lanc Co 215 445 695/

Wanted 50 pullets that are starting to lay, brown preferred Lanc Co Jonathan Lapp, 51 East Brook Rd , Ronks, Pa

For Sale- Graveley 566 convert tractor, 50' mower, duals, steering sulky, exc , $1750, 1971 Chevy window van, fair cond, $1000 Perry Co /1/ 444 3246

Tobacco barn 30x54 to be removed immediately $4000 /1/ 8/2 5370

For Sale Dodge 222 dsl truck w/John Blue fert & wet lime spreader, N , haybine 495, 12 like new, /1/ /88 2865

Wanted Grain unloading auger ext to fit JD 40 combine, 215 857 2433 Chester Co

For Sale Ford 3 ss cutter w/ Bar cond Northampton Co 215 837 7140

MAILBOX MARKET

For Sale Fox Super D with dsl engine cab & nds NI /02 Uni System w/chopper dsl engine & forage nds NI 3 row snapper head like new /1/ 62/ 3665

For Sale 2 complete rear axles 4 wheels & tires springs & brakes for farm wagon or trailer $85 Lanc Co /1/ 284 4612

For Sale McD PTO corn binder like new, new & used loaders Elam S Beiler 12 S Ronks Rd Ronks, PA 1/5/2

For Sale 23 feeder pigs Landrace, Yorkshire cross 2 yr Appaloosa stallion outstanding color $1,000 00, Giant elevator $/00 717 362 3149

For Sale Eskimo Keeshound mixed pups 12 & 14 oak tongues Ben S Stoltzfus RD2 Not tingham Pa 19362 3 mi south of Little Britain

Wanted PTO driven rotary mower drawer bar hitch, 3 pt , w/4 or 5 cut 215 323 /44/ Chester Co

For Sale #/0 hog shelter, reasonable Trucking available Wanted butcher kettle give price, condition Levi F Stoltz fus RD1 Oxford Pa 19363

Wanted AKC reg Tri Collie female pup Carroll Co 301 3/4 6423

For Sale Int 1 row potato digger 32 bale elevator, NH Pitman mower, Brillion crusher, Mc Cormick ensilage cutter #/ 717 442 8336 Lanc Co

For Sale Cheviot ram lambs, non reg features type typical 301-/91-1385 Wash Co Md

For Sale Clover seeder power take off, holds one bu of seed, also old porch benches, 12' long, hard wood Lanc Co /17 653 4968

For Sale- New steel wheels made for IH 806 Can be altered for other tractors Berks Co 215-683-3114

For Sale 16' Parkhurst grain body, 42' side, 24 extension, $1,/00 14½ Knapheide truck bed, $500 301 /33 6188 Sun Thurs Hagerstown Md

For Sale 16 A Zoned 1&2 8A 1 acre lots, 8A - 2 acre lots, ranch home & barn Millington, Md 215 932 8400

For Sale NH gas engines, 1½, 4 and 5 h p /1/ 266 2982 bet 6 & 9 p m

For Sale JD 3 btm pull type beam 28 disc on rubber, 16 harvester corn & pickup, 2 ME corn pickers Wanted- Chevy V8 motor, low mileage Sch Co /1/-345 3427

For Sale 5 h p Briggs & Stratton riding lawn mower, used only 4 times $150 /1/ 665 4146 ask for Jay

For Sale 65 Corvair sedan, needs engine work, $225, 55 or 56 Chevy Belair, body only, $50 301 7/5-2924 after 6 p m Carroll Co

Wanted Holland tran splanter for 3 pt hitch, Montgo Co 215 /23 7158

For Sale Fox 546 forage harvester with 2RN corn head & hay pickup $/00 717 /86 1755

For Sale NH baler No 315, like new 302 653 9089 or 734 4602 -

For Sale Graveley cart for attach to small tractor, bed is 4'x2½', exc cond , high quality, $225 Chester Co 215 942 2379 after 6

Wanted Hardwood logs delivered to Berks Co Any length Regular delivery 215 689 9329

Free Liquid pig manure U Haul it Terre Hill area, 215 445 6440

For Sale 6G AC track loader & ripper $/500 NH 271 baler w/thrower $1500 Gravely tractor mower rototiller & sulky $400 Dauphin Co /1/ 65/ 0606

MAILBOX MARKET

For Sale 7' Meyer snow plow, lights, brackets, lift cyl $225 Lanc Co /1/ 687 7012 after 4 30 p m

Wanted Tobacco lath please state price and amount to Daniel U Stoltzfus Box 26 #4 Honeybrook, Pa 19344

For Sale Oliver grain drill with steel wheels cheap 717 442 8511 Lanc Co

For Sale- 3 gal water heater, 50 lb Surge unit 16 qt stainless steel carrying pail, 8 can rack Lanc Co 717 626 651/

For Sale 1976 Jeep Wagoneer, exc cond , 4 door, gray, new seats $3150 717 6/3 8304 Brad Co

For Sale Auto Hog catch gate with crate, also 1974 Dodge Coronet with load levelers a good second car Lanc Co /1/ /33 8313

For Sale #32/ 3 row narrow corn head for Int 205 combine, /1/ 865 5305 Leb Co

For Sale- 65 GMC 3500 with Tylor fert box and 9 hp Wisc Exc V6 engine and running gear 71/ 529 2126 Lanc Co

For Sale Approx 100 pressure treated fence posts, used 2 yrs Leb Co 717 273-6613

For Sale NI #245 10 ton manure spreader, never used 717 865-6/10

For Sale 1012 NH bale wagon, stacks, or single bale unloads, 4 yrs old exc cond , stored in barn $2000 301 452 86/3

For Sale- Continental FA 244, 6 cyl engine, 404 NH hay crusher, rubber rolls for parts 215 /59 2/33 Northampton Co

For Sale Farmall C tractor w/cult , belt pulley, 8N Ford tractor w/3 pt hook up, 141 JD haybaler Leb Co /17 865 6585

Urgently needed, gear box for #60 Oliver baler & top roller for #816 Int mower conditioner Monroe Co /1/ 646 8739

For Sale Mallards, 2 drakes, 10 hens, $2 each, also 2 pairs of white geese $4 each Upper Bucks, 215 847 22/6

For Sale JD 237 mtd corn picker w/universal mounting brackets, fits most makes and models Will mount for $900 Berkeley Co 304 263 29/6

I am willing to pay $50 per mo for large feather-footed' shire horse & carriage, w/option to buy after 6 mos 609 435 1153

For Sale 1973 Ford Louisville cab, long wheel, base 4 log bunks, real good shape, $4200 215 367 5/0/

For Sale- 1973 Chevy crew cab, pickup, 454 engine, 4 spd , all extras, tow package, with or without 10½' self contained camper, 60,000 miles on truck Camper used very little $5,500 complete Salem Co , N J 609 694 3448

For Sale AC 60 combine w/PTO and bin, JD 10 A hammermill on wheels, both good cond Indiana Co 412-/83 6333

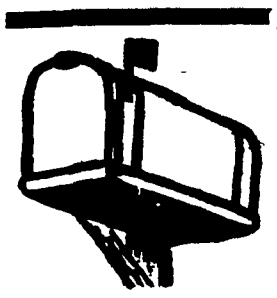
For Sale Purebred Keeshound pups, 8 wks old, $58, Gideon F Stoltzfus, Box 228, Stormstown Rd , Bird-in Hand, Pa

For Sale Reg Polled Hereford heifer, sired by Bet, bred to Victorioos K47U81 Other popular pedigree combinations available 717-987 3395 Fulton Co

For Sale 14x60 Fickes silo, and NH unloader $2500 215 488 6/4/

For Sale- Ford C700 w/22' rollback bed & winch, 38,000 mi , P S , air brakes, 26,000 GVW Good cond $/,950 Lanc Co 717 548 2559

Will babysit in my home in Manheim, lots of love and care /17 665 2138 anytime



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Will trade a white pony for a purebred Nubian goat He is gentle for children 717-927-9235 York Co

For Sale- App stallion, 5 years old, well mannered and trained Good for 4 H if gelded, $750 Also several yearlings 717-286-1993 Northumberland Co

For Sale- 37 Metal Jamesway cow stalls with 18 watering units Best Offer 717-846 8894 ask for John, Eve 717-252-3379 York-Lanc Co Border

For Sale Charolais-Angus cross 3 year old bull, out of Reg Charolais bull, 65 cents a lb 717 286 9380 Northumberland Co

For Sale 1980 F150 Supercab 4x4, 6 cyl 4 speed, dual tanks, limited slip front & rear, more 5,000 mi $8,700 negotiable, must sell! York Co 717 244 7997

For Sale- Tomatoes and cabbage Jacob S King, 1 mile east of Quarryville, Lanc Co

For Sale AKC Labrador Retriever puppies, black & chocolate also baby goats, 717 862-3366 York Co

For Sale- JD Cyclone A, good rubber, power steering optional, make offer, call evenings, Lanc Co 717-872-2516

Wanted- Good used small freezer 15 cu ft or less Also used travel trailer wheel Fayette style, 717 665-4738 Lanc Co

For Sale- 40 gal glasslined kerosene hot water heater used 6 mo $300 Wanted- 80 or 100 gal glasslined pressure tank Emery S Mast, RD5 Box 702-A Dover, DE, 19901

For Sale Fiber glass canoe with oars and two life saver cushions, $150 Wood stove $45 717 768 3060 Lanc Co

For Sale- Hemlock fence boards 5/4 x 6 x 16 ft dry $3 50 each Lanc Co David Z Esh, 3427 W Pequea Ln Gordonville, 17529

For Sale- Reg Australian Shepherd puppies, excellent stock dogs, $35 717-524-0893 Union Co

For Sale- Approximately 200 tons corn silage, $30 a ton at the silo Schuylkill Co 717 682-3812

For Sale- Two JD LA's with plows and cultivators, or will trade LA for M Lanc Co 717-684-8431

MAILBOX MARKET

Wanted Sawed locust posts to construct farm fence Also borads for rails Please call 215-375 0714 with dimensions and price

For Sale 9 set working harness $35 a set 20 pair hames $10 a pair 20 collars size 17 23 $30 a piece 717-428 1686

For Sale 1967 Ply Conv some body work, $1200 1969 Ford Conv needs top/paint, $1400 both good running cond Lanc Co 717 367 5196

Wanted Loader and backhoe on rubber Diesel, mid 60 s, no more than $3500 Does not have to be in running condition Chester Co 215 268-3243

Dairyman wnats 25-30 bred registered Holstein heifers Preferably AI Sired and serviced Call after 8 p m 301 692 5783

For Sale 1979 Dodge 4 wheel drive Ramcharger, AM/FM cass, PS, PB, 37,000 mi asking $4800 one owner, 814-435-6722 Tioga Co

For Sale 2 bottom horse plow, also 2 mules, 16 mo old Gideon A Fisher, Q-ville, R3, PA 17566 Box 30, Lanc Co

For Sale- Wide 2 row corn head for series 717- or 718 NH Harvester Also 24 ft Patz Silo Unloader Lanc Co 717-367 2141 8 a m or 6 30 p m

For Sale Reg POA mare, bay, 3 yrs old, 13h, broke to ride, gentle, likes kids, $350 717 366-0617 Schuylkill Co

For Sale 3 sheep 1 buck, 2 ewes, $60 each Free English Springer Spaniel, 3 yr old female 717-426-3871

For Sale- VF4 Wisconsin engine w/4 to 1 clutch reduction, rebuilt, $625 Also 2 wheeled farm cart for two horses, Samuel S Stoltzfus, 2447 Stumptown Rd, Bird-in-Hand, Pa 17505

For Sale- Good Berg barn cleaner chain 205'; Pincor 20 KW PTO, 12 KW $500 Lawn & garden tractor, stand by 3500W only $285 Lanc 215 445 5309

For Sale- Farm Hand loader with 3 buckets $475 HD 7 dozer tracks, idlers sprockets & rollers old walkashaw motor for parts or to use 717 362-8827

For Sale- 1975 Buick Estate wagon, 9 psr, PB, PS, AT, AC, PW, low mileage, would exchange for smaller car 215 267-6725, Lanc Co

Nice spring wagon, good, $550 717 354 0528 Lanc Co

Wanted- Old 'C" cab truck from 1920's Also older Bolter saw mill, 203 375-7491 or Al Provenzano, 564 Honeyspot Rd, Stratford, Ct 06497

Wanted- NH 770 harvester, good cond, also NH 1 row snapper head, Lanc Co 215 445 5734

For Sale- AKC Buff Cocker Spaniel pups, ready to go July 18 Both parents may be seen Lanc Co 717 786 1246

For Sale- 340 Dsl, good cond, $2,000 717 865 4961 Leb Co

For Sale- Stationary vinyl 9" pipe w/gooseneck for 50' silo, also Denlinger cutter, all in good shape Levi Z Fisher, RD1 Box 378, Kirkwood, PA 17536, along Puseyville Rd

Wanted Massey 35 or 50 farm tractor for parts, Union Co 717 568 4752

Wanted- 4 H member would like to buy used cattle show box Chester Co 215-932 2607

For Sale- Self propelled Gleaner K combine w/10' grain head, good cond 301 472-2370 Balt Co, Md

For Sale- MF 1130, 140 h p, needs some work, $5,500 Ephrata, 717 733 6319 Lanc Co

MAILBOX MARKET

For Sale NH 469 haybine, good cond, $1600 MF-85 $1900 MF 50 recent valve job $2100, both tractors have good tires in nice shape, Lanc Co 215 445 6024

For Sale- New cart and springwagon with roller bearing, rubber, hyd brakes Also 3 yr old saddlebred carriage horse, 215 445 6424

Wanted- Used acorn cable cleaner and used milk sputnick Lanc Co 717-354-9855

For Sale- AKC Choc Labrador Retriever pups shots and wormed, 717-768 8359

For Sale 140 JD hydrostatic lawn and garden tractor, new engine, 3 pt hitch triple function hydraulics 48" mower, wheel weights, tire chains Cumberland Co Ethan R Weaver, RD2 Box 330 A Newville, PA 17241

For Sale- Papec hammermill 2-1200 bu corn cribs, 215-683 8515

For Sale- 1941 Chev Coupe original engine, running condition, Red crushed velvet interior Juniata Co $1600 firm 717 527-4023

For Sale- Springing or fresh Holstein heifers, Pick 2 out of 6 Stephen L Stoltzfus, 351 East Eby Road, Leola, Pa 17540 Lanc Co

For Sale- 3 motorized checkout counters, stainless steel tops, good condition, $45 each 717-656-7270 Lanc Co

For Sale 5 yr old saddlebred carriage horse, broke, traffic safe and sound Isaac Hoover, R1 New Holland, Pa 17557 along Martindale Road

For Sale- 10x40 ft stave silo dome roof, out side, latter, also 2800 tobacco lath 717-733 9285

For Sale Used tilt stock table, Lanc Co 717-653-8809 after 7 p m

For Sale- Chilled dried shelled corn, $4 per bushel, 1000 bushels can deliver 717-264 4669 Franklin Co

For Sale- #76 MC combine w/super C Farmall motor, good condition, 215 285-6676 Lehigh Co after 6 p m

For Sale IH 76 Combine Dearborn corn picker, milk coolers 4 and 10 can Perry Co 717 567-3891

For Sale NH Model 8 crop carrier box for parts, make offer, also straw Perry Co 717-834 4578

For Sale Titan wheat out of 1980 certified, new bale thrower belts, 2 wheel trailer with electric brakes, Registered Bootmaker bull service age, 717-776 7724

For Sale Oliver haybine 437 9 ft field ready $490, Team ponies rides & drives $300, Reg qtr horse mare $700 Tioga Co 717 659-5297

For Sale- 2 blow fans for diesel houses $90 each Wanted Used pipe 1¼' to 1½ ' in diameter Israel S Beiler, Box 117 Christiana R1 Pa 17509 Lanc Co

For Sale- JD 290 corn planter, excellent cond, $375, Brower hog feeder 85 bu and hog waterer $150 for both, 717 529 6670

For Sale Dwarf and other breeds of bunnies, ADGA Reg Nubian and Alpine stud service Circulation wood stove York Co 717-244 1177

For Sale- Cockatiels young home raised, hand tame Chester Co 215 932-5057 or 932 9797

For Sale- Choice hunting parcels in, around or near state game lands Owner financing Bradford Co 717 265 8903

For Sale- JD Model 2 hay tedder Exc cond $150 Sch Co 717 345 8983

For Sale- Big Dutchman egg cooler, 50 or 60 cycle, single phase, 115 volt York Co 717 244-3024

MAILBOX MARKET

For Sale- IH #37 disk harrow 13', Case 7' cultipacker, Acorn barn clearner w/18 elevator and 18" gutter Complete or parts Dauphin Co 717-365-3562

For Sale- Patz barn cleaner, good condition Also, high moisture corn from sealed storage Lebanon Co 717 838 6184

For Sale- Starline barn cleaner chain and motor Maple Sofa Bed and Chair $50 1965 Pontiac Grand Prix, new inspection $400 1972 Honda Cycle 350" Corner Cupboard 215-536-2284 Bucks Co

Wanted- Knife for IHC #2 corn husker/shredder or complete shredder for parts Sam J Burkholder, RD2 Mt Pleasant Mills, Snyder Co Pa 17853

Wanted- Speed increaser gear box, ratio 1 to 5 and over 20 hp and over 445 5657

For Sale- Keeshond, AKC silver and black female One year old affectionate and healthy, good watch dog, $150 717-359-4374 Adams Co

For Sale- 2 yr old registered quarter horse fillie 1969 Buick LaSabre for parts best offer 2 step bumpers for Chevy pickup Berks Co 215-987-6887

Wanted- 30 acres + or - in Northern Florida cheap Lloyd R Potter, R1 Box 420C Southard Ave Farmingdale, NJ 07727

For Sale Perry Co Dairy Farm, 80 acres, 50 cow stanchion barn 2 harvestors New Bi Leval House, $220,000 717-444-3216

For Sale Estimated 375-400 reel type lawn mowers and sharpening machine, good business for retire, $1,800,000 Cumberland Co 717-243-2835

For Sale- New Holland 1034 balewagon, holds 105 bales, unloads whole stack or one bale at a time Hunterdon Co 201-996-2551

For Sale- Black Lambs, Romney/Corriedale cross Breeding stock, spinning quality wool Perry Co 717-582-4363

For Sale- PTO combine w/bin, NH #66 baler, Case 630 just overhauled, hay mower, crusher, rakes, wagon, silo blower, grain drill, 717-345 4882

For Sale Fedders air conditioner, 2 ton, very good cond, $400 215 273-3776

For Sale 150 bu oats, 1980 crop, nice & clean Approx 10 ton ear corn, 717 865 4038 Lebanon Co

For Sale- 250 gal Mojonnier milk tank w/2 hp Lehigh belt driven compressor, $200 717-359 7542 Adams Co

For Sale 300 gal elevated gas tank, $50 picked up 717 733 6804 Lanc Co

Wanted- 2 row cornhead for JD 45 combine Snyder Co 717 374-1487

For Sale AC all crop model 60 combine, pull type, PTO, like new belts & canvases, $300 215 926 4369 Berks Co

For Sale IHC two row corn planter with mechanical lift, excellent Cond Lanc Co 717-354 6712

For Sale- JD FBB drill 17 double disc, with grass seed attachment, excellent cond, $2000 or trade with older smaller model, Lanc Co 717-569 4762

Wanted Wood stove, Emanuel Z Stoltzfus, R1 Box 230 Bird in Hand, PA 17505

For Sale AKC Brittany Spaniel, pup, male $35 Mother $20 Old Scout, not inspectable $175 717-733-0223 Lanc Co

Wanted- Corn silage, Ephrata Area 717 733 6135

MAILBOX MARKET

Notice Will buy milk turned down by your dairy For Sale- 1,000 gal manure tank and chicken feeders Lebanon Co 717-949 3791

For Sale- 3 registered Nubian Doe Kids $80 ea or best offer 2 part Nubian kids $25 Amos D Lapp, 1561 E Newport Rd Lititz, PA 1 mi N of Brownstown

For Sale- Driving horse, standardbred, four year old, 15 hands with papers $800 717-867-1432 Lebanon Co

Wanted- 6½ ft cattle rack for pickup truck will trade for nice 6½ ft truck cap Bucks Co 215-822-1639

For Sale- 1 set of steel wheels to fit 8N or 9N Ford or similar tractor hardly used 609-881-0046 Glou Co N J

Wanted 12 volt water pump for ice bank milk tank Would consider trade for 110 volt motor or buy outright Lanc Co 717-354-8370

For Sale- 1974 LTD Ford station wagon, automatic, air conditioning, radio, $650 Rye seed, $450 a bu Lanc Co 717-687-6321

For Sale- Reg Border Collies; Hand-spinning fleeces, older colored & white ewes Kent Co Md 301 778-1682

For Sale- Four Holstein heifers One just fresh, two due July 29th One Job, Attitude, Glad-Tidings Farm, Northumberland Co 717-672 2255.

Wanted- Fertilizer drill AKC Golden Retriever puppies Cumb Co 717-776 7636

For Sale 30 acres in York Co 20 open land & 10 wooded Asking $50,000 717 229-2500 or 235-1486

For Sale- Driving horse, 10 yr old, good driver Daniel Esh, east of Strasburg, on Rt 741

For Sale- Ford 2N excellent condition, mechanically & tires, $1500 Schuylkill Co 717 682-9277

For Sale- McCormick Deering 12" 2 bottom trail type plow, rubber wheels, good condition, 717-755 1364

For Sale Ford 8N Tractor with rear blade 3 pt $1095, Case Baler #133 $245, 1966 Ford truck with 4 sp trans, not insp $350 Cumberland Co 717-249 2801

For Sale- AKC Dachshund pups, small, some mini, $100 and $110 Lambs & sheep, Cheviot $40 Dauphin Co 717-533-7677 or 717-838 4875

For Sale Int #56 Silage blower in excellent cond, $850 215 9ter Co

For Sale- 550 bale mulch hay approx 10-12 ton @ $28 per ton Easy loading Sch Co 717-345 4489

Barn use in exchange for ground maintenance - Thomasville - 225-3075 after 6 or weekends

Puppies For Sale - 1 Collie $25, 2 West Highland White Terriors $50 each, all males 215-445 5182 Lanc Pa

For Sale- Reg Polled Herefords, clean modern breeding stock, that are docile Health charts avail Visitors always welcome Wayne Co 717-689 2158

For Sale- Reg Quarter horse, Palomino mare, 4 years, King bred, 2 AQHA Pleasure points, good youth horse, $3200 Franklin Co. 717 263-4345

For Sale- Three grade Holstein first-calf heifers, recently fresh milking 55 to 65 lbs per day, Also Registered Holstein service age bulls Rinehart Farms, 301 346 7326

Wanted- 3 day old Jersey or Ayrshire bull calf Will Trade fireplace wood or seasoned locust posts for old hay or straw Lanc Co 872 7642

MAILBOX MARKET

For Sale- Coal & wood cook stove, very good shape, $300 Water distiller, like new, $100 717-367-4567 after 3 p m

For Sale- 4000 tobacco lath Ammon Nolt, RD2 East Earl, near post office

For Sale- Antique 1 cy gas engine, New Way open fly wheel, about 2 hp C S Miller, RD1 Box 177 Paradise, PA 17562

For Sale 8 week old bunnies, French Angora and New Zealand, also 1 year old Blue Dutch, a litter of Dutchs just arrived ready by 9-1-81 Millersville, 717-872-2327

Wanted- 2 or 3 Duroc boars ready for service raised together, please right price and location Christ M Stoltzfus, Quarryville, RD2 Box 253, Pa 17566

For Sale- MF 21 Murphy diesel power unit, 175 hp at 1200 rpm Also two 8V71 Detroit Diesels 318 hp at 2300 rpm One rebuilt & 1 used Call 717-733-3890

For Sale- 70 Reo 16' steel dump bed, lift needs repair Air P S 72 Ford F 750 rebuilt engine P.S 12' from C to A. 2200 & 3200 or best offer. Lanc Co 215-593-5721

MAILBOX MARKET

For Sale NI 319 mtd picking unit w/322 husking unit, very good cond Lanc Co 717-569 7929

For Sale- 6000 tobacco lath, 10 cents each, Samuel S Zook, 534 Willow Rd, Lancaster, PA

Wanted- Used tractor tire, 9x32, can be partially smooth, tractor tire 12x38 must have fair tread, 215 584 6667

Wanted- Front mtd 2 row cultivator for Oliver 1550 Lanc Co, 717 626-6059

For Sale 16" push lawn mower, good condition, $25 Lanc Co 717-626-2920 after 7 p m

For Sale- Grain bin wagon $575 Slide-on truck camper elec refrigerator, stove, toilet furnished $675 Pequea PTO hay tedder $1095 717-354-0266

For Sale- 6 wk old Fox Terrier pups Daniel K King, RD1 Mill Creek Rd, Box 528 Bird-in Hand, Pa 17505 Lanc Co

For Sale- IH Farmall 350 diesel, new engine, good rubber FH, power steering, needs minor work $2400 Perry Co 717-957-2290 late evenings

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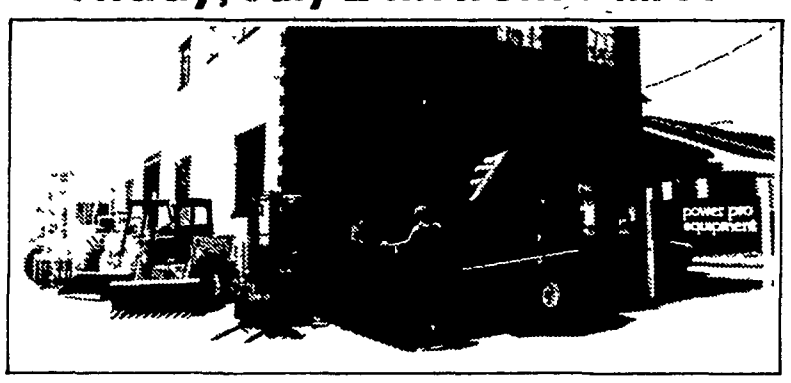

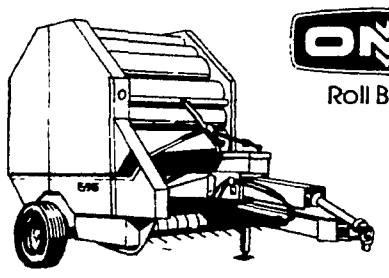

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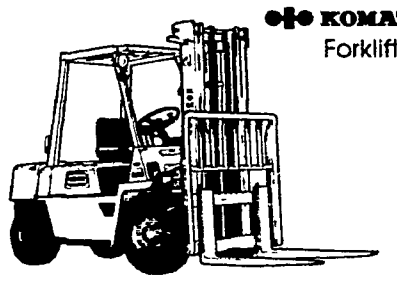
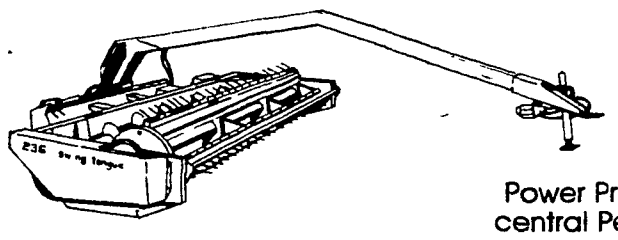


KOMATSU Forklift



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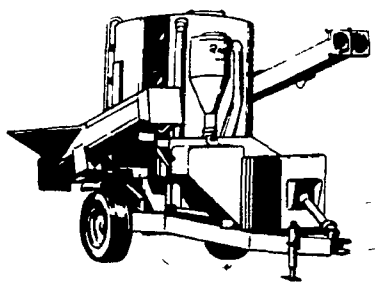

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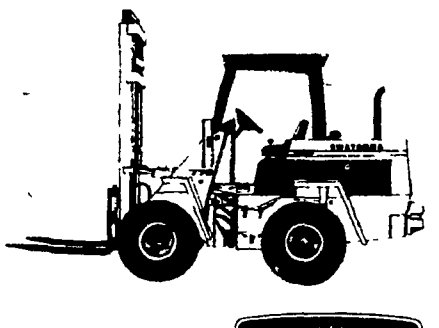

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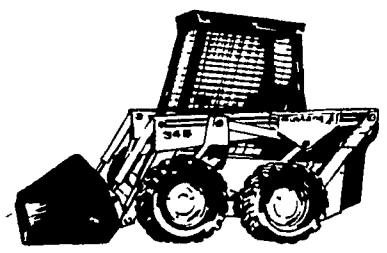

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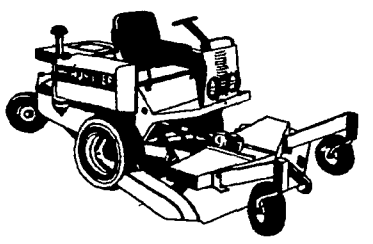

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Thirty-eight South African dairymen and their wives visited Lancaster County last week to learn more about dairy practices. From left are Mr. and Mrs. Kenneth Ross, D. Charles McDonald, and Dr. and Mrs. Joachim Prinsloo who took time from their schedule to be interviewed about South African dairying.

South African visitors discuss farming "back home"

BY SALLY BAIR
Staff Correspondent

For the thirty-eight South African dairymen in Lancaster County last week, their trip around the world to visit dairy herds brought some interesting comparisons, some new ideas and a feeling that people everywhere are very much alike.

Despite the heat and humidity which had local people drooping, the South Africans were delighted with their reception and with the opportunity to talk firsthand with dairy farmers about their programs and management practices.

Their visit to southeastern Pennsylvania was part of a two week trip which took the dairymen and their wives first to the Netherlands and will take them across the country to visit dairy farms in California.

What they found here was no surprise, since most dairymen subscribe to breed magazines and other dairy publications from this country, and are well versed on exceptional animals and bulls.

Indeed, as they drove through Lancaster County last week, the men agreed that there are animals of equal quality to be found in South Africa, but they were impressed with the intensive farming methods of this area.

Although dairying is the third most important agricultural product in their country, after maize or corn and beef, it is often just a small part of very large operations which include crops and beef animals. The average size of herds varies from 100 to 200 head, and farming operations, which are mostly family owned, include thousands of acres of land

One large difference between dairying in South Africa and in this area is that most animals are grazed or kept in paddocks, eliminating the necessity of expensive housing. Most milking is done in parlors.

Kenneth Ross, a young dairyman traveling with his wife, said, "I came to learn about the management aspects and to see the cattle and the breeding." Ross milks about 45 Friesland Holsteins in a milking parlor and feeds according to production, with low-producing cows on ryegrass pasture.

Dairying is just a small part of his operation on 4½ thousand acres. He raises sheep, beef and angorra goats as well. The Ross herd produces about 14,000 pounds of milk at 3.6 percent fat. They purchase grain concentrate for their balanced ration and store silage in trenches.

Ross said they raise all their own herd replacements and calves are handled much the same as in this area, being raised in hutches up to seven weeks. After that heifers run on pasture.

Dr. Joachim Prinsloo, also traveling with his wife, went into dairying after retiring as a medical doctor, so has been in the business for just five years. Farming with his oldest son, Prinsloo is responsible for the dairying portion of their farm, milking 40-50 head of cows. He says, "The dairy is a small part of our operation. It is mainly to keep me busy."

For instance, they plant over 2,000 acres of corn and dry beans, with kidney beans being another large crop. These beans are processed in factories, and Prinsloo noted that harvest is now underway in South Africa where it is mid-winter.

Prinsloo started off with dairy shorthorns, but "various circumstances" led him to change to Friesland. "Actually," he says with a laugh, "I'll milk anything with teats."

Prinsloo points out that in his operation, as with many others, cows are "more scavengers of the leftovers of other farming concerns. Farming here is much more intensive and smaller scale than in South Africa. There is a much more intensive production of feed."

The group of South Africans is traveling under the auspices of World Wide Sires, an international marketing cooperative consisting of the 11 major AI cooperatives in the United States. Atlantic Breeders Cooperative, which is a member, served as local host for the group.

Dr. Charles McDonald, who is traveling as group leader, is deputy general manager of the Taurus bull stud in South Africa, which is the only bull stud there, having been formed by the merger of four smaller cooperatives.

McDonald pointed out that the majority of dairy cattle in South Africa are black and white cows, direct descendants from the Dutch Friesiands, which are a shorter, squattier cow than the Holstein-Friesians in this country. They are strictly dairy animals, and there are about 900,000 of them in South Africa.

McDonald said, "We have a different type of Friesland, based on the Dutch animals. The breed is changing. We need to see if the more intensive dairy type will suit us. We need to assess the animals we see here. There are those who would like a more dairy intensive cow, but it is still controversial."

He added, "Twenty percent of the national herd is bred artificially with 99 percent of that [illegible] been trained by their AI cooperative."

At the moment importation of cattle is closed in South Africa, although in the past animals have been imported from this country. Semen is imported on a selective basis, McDonald said. Embryo transplants have taken place in South Africa, according to McDonald, but in a small way.

"There has been no importation of embryos, but it will be done. It will never have a real impact," he states.

All milk is marketed through cooperatives, with the price of milk being set by the government. About dairying, McDonald says. "It is very important. At the moment we are importing dairy products." But the importation of dairy products is not always necessary, depending upon the market, and, according to Prinsloo, hinging on the inconsistency of the rainfall.

Dairy products are imported on the basis of who can deliver it most economically, and at the moment these products are coming from Ireland, although sometimes New Zealand and Australia are big suppliers.

Dairymen are paid by the liter, and there is a minimum fat requirement which varies in different areas. Money is deducted if the dairyman does not meet the minimum requirement.

McDonald explained that there are two prices for milk, with fresh Grade A milk bringing the farmer $.29 per liter in South African currency That is roughly $1.53 in American currency per gallon. Industrial, or manufactured milk, brings about $.23 in South African currency. By comparison, milk costs about $.44 per liter in the store.

According to the visitors, beet is probably the most important agricultural product in South Africa, followed closely by, or perhaps equalled by, corn, or maize as they call it there. Both products are exported, with the Far East being a large market for South African products. Prinsloo said, "Maize and beet go hand in hand. We use maize to produce beet. Maize is a basic substance in South Africa. It is a basic staple."

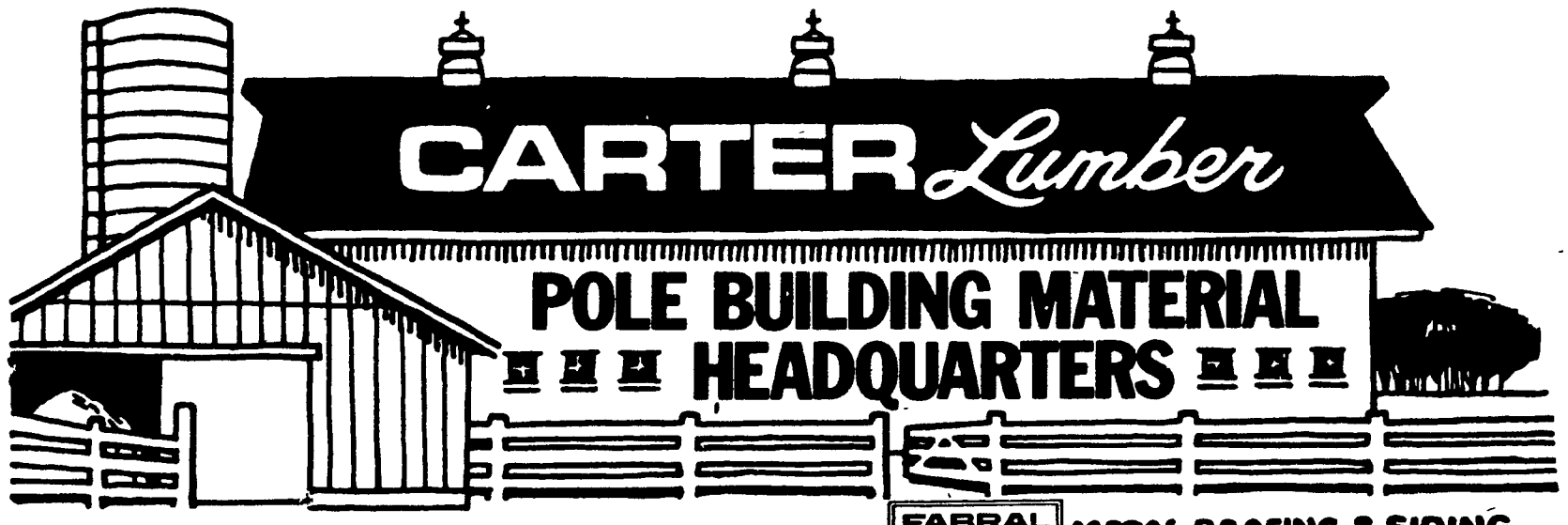
The Republic of South Africa is 1500 miles long and 1000 miles wide, so has a wide range of climates. Most of the country lies on a plateau which is as high as 6,000 feet above sea level. Some parts of it are semi-desert, some has high rainfall and some is semi-tropical. Sheep are an important crop in the semi-arid rural areas, with merino being the most popular. In the western part of the country, there are many vineyards on small farms. The population numbers just 26 million.

The price of land was dismissed as an impossible topic of discussion. McDonald said, "It varies tremendously. It can range from $150 per hectare to $20,000 per hectare."

Prinsloo pointed out, "Our rainfall is much lighter and the humidity is much higher here than at home. While you grow corn, it is not with the same intensity as we do. But the type of dairying and the type of feeding is the same." He added, "We import a lot of machinery from this country

(Turn to Page C4)

Homestead Notes



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2"x4"	1.37	2.06	2.47	2.86	3.38	3.92	4.36
2"x6"	2.47	3.09	3.71	4.33	4.94	5.98	6.64
2"x8"	3.35	4.19	5.02	5.86	6.70	7.78	8.64
2"x10"	5.20	6.50	7.80	9.10	10.40	12.00	13.33
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8'	12.02	10.60	8.37	6.33
9'	—	—	9.42	7.12
10'	15.02	13.26	10.47	7.91
11'	—	—	11.51	—
12'	18.02	15.91	12.56	9.49
14'	21.02	18.56	14.66	—
16'	24.03	21.21	16.80	—
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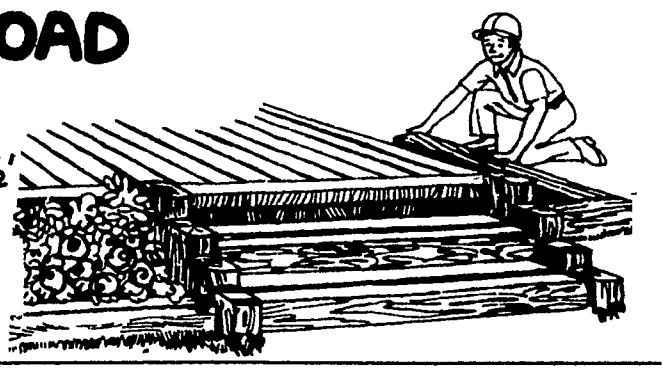

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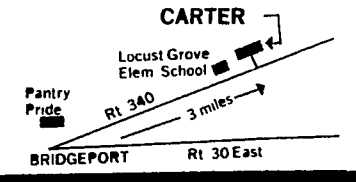

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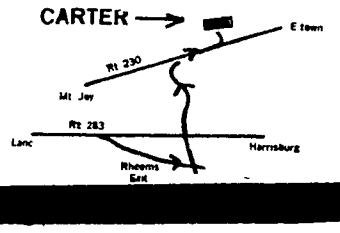

Ida's Notebook

Ida Risser

That garden of mine is a slave driver sometimes. As soon as I get one thing in line another gets out of line—I could work there constantly.

As soon as I neglect it to harvest crops, the weeds get ahead of me. Then, after I spend a few hours hoeing, I find that the second crop of peas ready for picking. Even though the pea vines turn yellow, I feel it is worth it to let them bloom a second time before removing the 500 feet of fence that supports them.

As soon as the last strawberry is picked, I can turn around and find the black raspberries have ripened. This year, for the first time, my husband has been bringing me a few red raspberries from time to time — he planted some last year.

When I remove the peas from the garden, I put in a long row of sweet potatoes after Allen kindly hills up the ground for me. One row formerly occupied by peas becomes a home for cucumbers and another is planted into popcorn since it is one of Cindy's favorite snacks.

This year I'll have very few heads of cabbage. I planted some three times, and each time rabbits ate it off down to the ground. This is the first year that I've had this problem but it is also the first year that we've had only a few cats.

One other pest that we must get rid of is the sparrows. We have an over abundant supply and they get the blame for our having no blueberries this year. Apparently, they ate all the buds off the stalks last winter

Gardening is necessary, and I like to work with both vegetable and flower plants. I suppose you'll find me out there slaving away as long as I'm able and always hoping for a better season next year.

South Africans visit local farms

(Continued from Page C2)

because our type of farming corresponds to farming in this country. We farm on a big scale."

Ross was impressed with the rolling hills of Lancaster County saying, "It is pretty mountainous where we live, with more pasture and more indigenous forests."

The two women interviewed with their husbands said they are eager to learn more about the American way of life, although they are familiar because of all the information about this country received in South Africa. Mrs. Prinsloo stated, "I want to see the way people live. That is most interesting to me."

McDonald said, "There is nothing you can buy here that we cannot buy in South Africa." Furthermore, although the opportunity for shopping had been limited, it was noted that there will be few bargains for the group because of an increasingly unfavorable exchange rate.

The members of the group were still feeling their way and felt their impressions were uncertain, but they agreed that they had had delicious food and warm hospitality. Prinsloo said, "The people were very friendly. They are most similar to ourselves."

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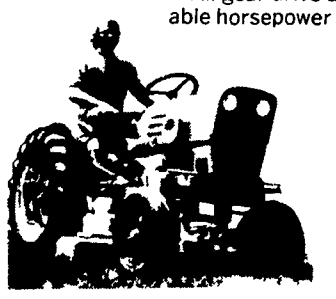

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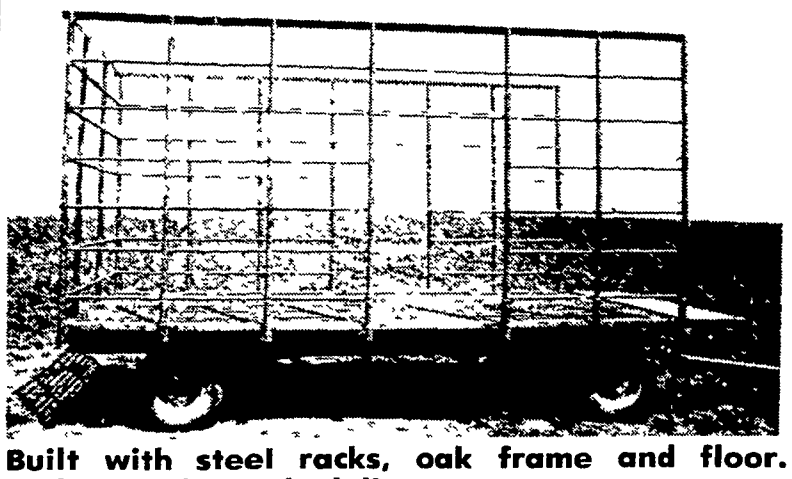

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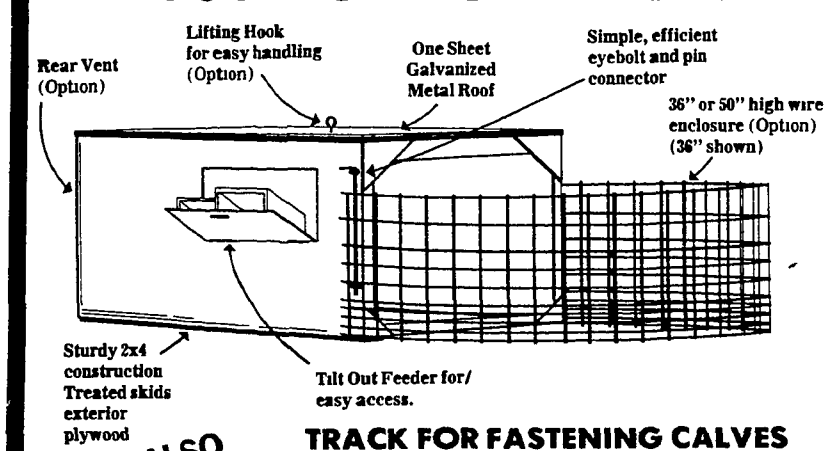
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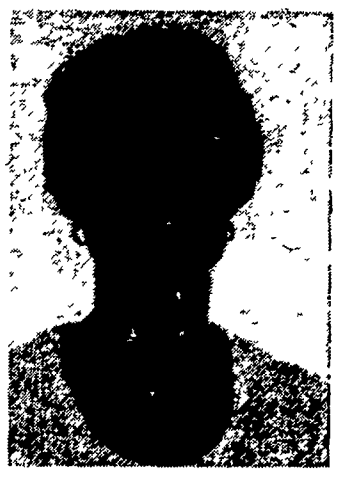

On being a farm wife - And other hazards

Joyce Bupp

John Steinbeck, taking a quote from Shakespearean writings, once penned the book "The Winter of our Discontent."

This year is bringing me to grips with "The Summer of my Disillusionment."

Maybe it was the gray hair that started it.

But, gee, I don't feel old. Except for those 90 degree days with 95 percent humidity that find us stacking hay away.

It was probably on one of those nights that I found the gray hair. One lone hair wouldn't bother me. But it isn't the very first. And I know full well it won't be the last.

During a recent eye examination, our family optometrist informed me that I'm "getting' to that point where we begin testing annually for glaucoma " That's an irreversible eye disease more likely to be found in older peoples' eyes.

I've begun wearing the hand-me-downs of our daughter.

And we sent the "baby" of the family (who'd just die if he read that) off to camp for the first time.

My pointed-toe shoes from two decades ago are coming back into style again.

Then the kids pinned a new label on me one day not long ago, when they couldn't find anything or anyone else to pester as vacation is becoming boring.

"Mom, you're an oldie but a goodie." "Old, old, old... over the hill."

While they might label me old, they'd just best not forget that I'm still fast enough to catch them with a gentle reminder about who's still boss.

Charcoal fire starting tips

LANCASTER — Charcoal is popular for outdoor cooking. However, there are drawbacks, says Dennis J. Murphy, Extension safety specialist, The Pennsylvania State University.

Starting charcoal can be troublesome and the burning time required may cause hungry people to become impatient.

Charcoal lighter fluid is convenient and easy to use. Do not use fuel oil, kerosene, or gasoline, cautions Murphy. They are not only dangerous, but they may produce a smoke that gives an oily taste to the food.

To start charcoal with lighter fluid, heap the amount of charcoal needed in the firebox and spray it thoroughly with the fluid. Give the fluid two or three minutes to saturate the charcoal, then light it.

Let it burn about 20-25 minutes before starting to cook. With good quality charcoal you will not see any flame, just a grey ash that shows up around the edges of the charcoal pieces. When the charcoal is about two-thirds covered with this grey ash, it is hot enough for cooking.

Treat charcoal with caution. Don't let the absence of flame fool you. The grey ash hides a very hot fire and should be handled with tongs. Even a tiny fleck or two of the ash is enough to cause a serious burn, reminds Murphy.

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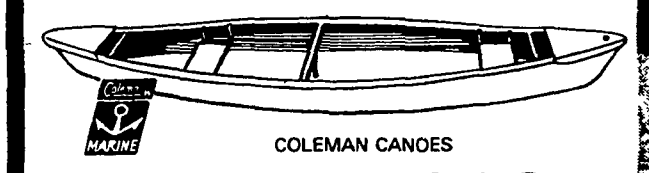

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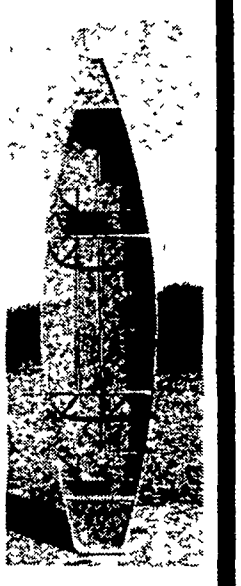

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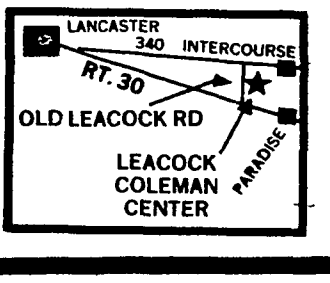
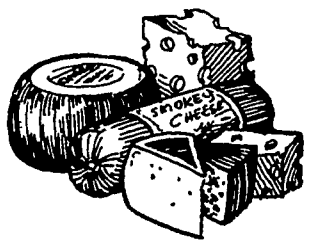
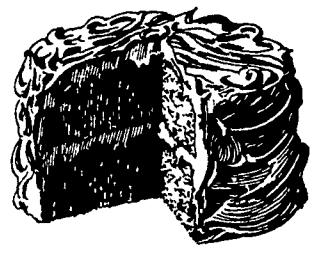




Home On The Range



All in the Out-of-Doors

Creating casual summer meals is a breeze when the cooking is taken out of the kitchen to the backyard barbecue.

When the sun coaxes you out and the fresh air sharpens your appetite, try some of these picnic and barbecue favorites.

Polynesian Pork Roast

3 to 4 lbs. boneless pork loin roast, rolled and tied
2 1/2 c. crushed pineapple
1/2 cup red wine
1/2 cup onion, finely minced
1/4 cup soy sauce
1 T. cooking oil
1 t. garlic powder
1/2 t. ground ginger
pineapple slices, for garnish
crabapple slices, for garnish

Combine all ingredients, except roast, in blender. Blend at high speed until mixture is of pulp consistency. Place roast and marinade mixture in container. Using a 50 cc syringe and no. 14 needle, inject roast with marinade mixture at several points. Let roast stand in marinade mixture for at least 24 hours. Insert rotisserie rod lengthwise through center of roast. Balance roast. Secure with prongs. Insert meat thermometer at an angle so tip is in center of roast, but not touching rod. Place on rotisserie of grill. Baste and inject roast with marinade mixture during cooking. Cook 1 1/2 to 2 hours, or until meat thermometer reaches 170 degrees. To serve, slice roast and spoon hot marinade mixture over roast slices. Garnish with pineapple slices and crabapple rings.

Saucy Steak Sandwich

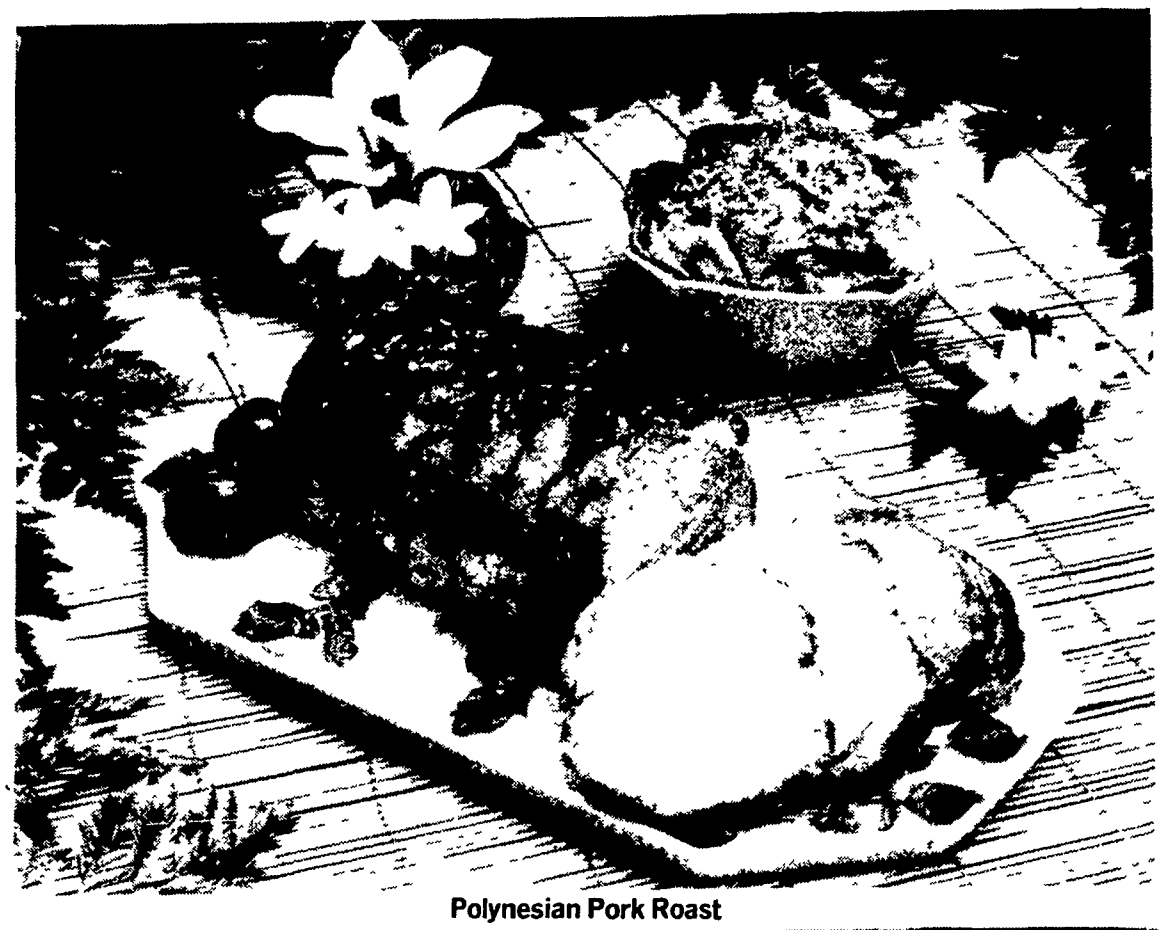
1/2 cup butter
1/4 c. sliced green onion
1 1/2 T. steak sauce
1 T. Worcestershire sauce
6 cubed steaks
6 slices Vienna bread, 1-inch thick
6 slices tomato

Combine butter, onions, steak and Worcestershire sauce in a small saucepan; place on edge of grill to heat. Broil meat over hot coals 2 to 3 minutes on each side or until desired degree of doneness is reached. Meanwhile, toast bread on both sides. Brush one side of bread with sauce; arrange on platter. Place one steak on each bread slice; spoon remaining sauce over all. Top each with a tomato slice. Serve immediately.

Pro Porkburger

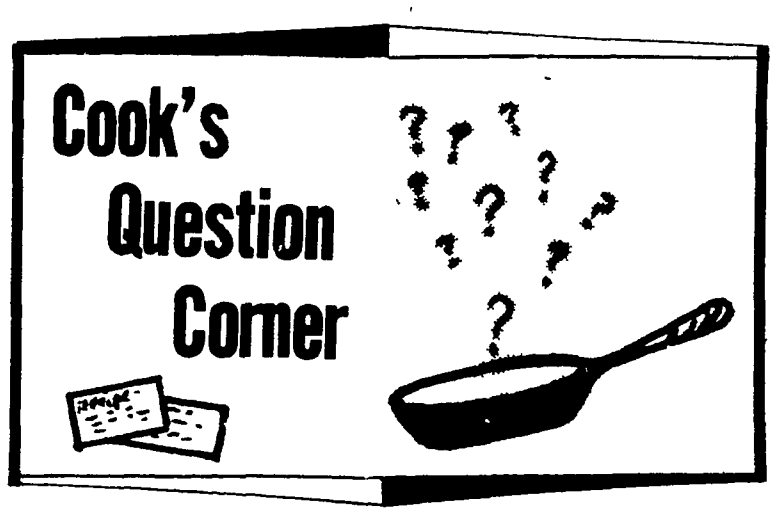
4 lbs. ground pork
1 can mushrooms, (8 oz) stems and pieces
2 T. onion flakes
1 1/2 T. paprika
1 T. celery salt
1 T. garlic powder
1/2 t. pepper
4 oz. shredded Cheddar cheese

Drain mushrooms, reserving liquid. Combine ground pork, reserved liquid, onion flakes, paprika, celery salt, garlic powder and pepper; Mix well. Shape into 16 patties, 1/2 inch thick. Place cheese and mushrooms on 8 patties in equal amounts. Cover with the remaining patties; press together, sealing edges completely. Place on grill 6 inches above moderate coals and grill for 25 minutes, or until done.



Polynesian Pork Roast

Pro Porkburger



Martha Fisher of Narvon has sent in the recipe for "Friendship:" Take two heaping cups of patience, one heartful of love, two handfuls of generosity, a dash of laughter and one headful of understanding. Sprinkle generosity with kindness. Add plenty of faith and mix well. Spread over a period of a lifetime and serve everybody you meet.

Cooks, we need recipes for our jams and jellies week. Send to Home on the Range, Lancaster Farming, Box 366, Lititz, PA 17543.

Recipe Topics

July	
25	Jams and Jellies
August	
1	Summer Salads
8	Pears, Plums and Zucchini
15	Tomato Tempters
22	Egg Specials

Picnic Macaroni Salad

1 1/4 c. uncooked macaroni
1 c. cottage cheese
3/4 c. chopped celery
1/2 c. chopped green pepper
1/2 c. grated carrot
1/4 c. finely chopped onion
1 t. celery salt
1 c. dairy sour cream

Cook macaroni according to package directions. Drain. Place in cold water for 5 minutes. Drain. Mix together cottage cheese, celery, green pepper, carrot, onion and celery salt. Carefully fold in sour cream. Toss lightly with macaroni. Chill thoroughly.

Double Hamburgers

1 lb. hamburger
1 t. salt
1 egg
1/4 c. milk
2 T. prepared mustard
6 thin slices onion
2 T. pickle relish or chili sauce

Combine hamburger, salt, egg, and milk. Mix well. Make 12 small flat patties. Spread mustard on 6 patties. Top each with onion slice and a teaspoon of relish.

Place remaining patties on top of relish. Press patties together, sealing well around the edges.

Broil on grill, 3 inches from heat source about 5 minutes on each side or pan-fry in 1 T. fat in a heavy skillet.

Chili Corn

1/2 c. butter
1/4 c. chopped green pepper
2 T. chopped pimiento
1 t. salt
1/2 t. chili powder
6 to 8 ears corn

Whip butter until light and fluffy. Stir in green pepper, pimiento, salt and chili powder. Place each ear of corn on a square of double thickness heavy duty aluminum foil. Spread with about 2 T. butter mixture. Wrap securely in foil, twisting ends. Roast directly on medium coals 10 to 15 minutes, turning once.

Ship 'n Shore Skillet Supper

2 T. butter
1 pkg. frozen corn, thawed
1 pkg. frozen green beans, thawed
1 T. flour
1 can condensed cream of chicken soup
1/2 c. dairy sour cream
3/4 lb. fully cooked ham, cut in julienne strips
1 c. diced Cheddar cheese

In skillet melt butter. Add corn and beans. Cover and simmer 5 minutes or until tender. Stir in flour to coat vegetables. Combine soup, sour cream and ham; stir into vegetables. Heat to serving temperature, stirring occasionally. Top with cheese; let stand until cheese melts.

(Turn to Page C7)

Farm Women Societies

Lancaster Co. Society 6

Lancaster Farm Women 6 met Saturday, July 11 at the home of Mr. and Mrs. Ray Hixson.

Speaker for the evening was Sonya Gish, a police officer from Elizabethtown. Her talk was "Security of personal property and self."

The Society made $105 from a food stand at Belser Sale.

There will be a picnic at Lampeter for the Society on August 4 at noon.

Society 6 will be entertained by Society 8 on August 8.

Members will gather at the Brethren in Christ Church at 6 p.m. on August 1 for a family banquet.

Lancaster Co. Society 14

Lancaster Farm Women 14 met last Thursday evening at the Tinney Pavilion in Strasburg. As it was family night, many husbands and children enjoyed the evening with the members.

The evening program was presented by Harold Keneagy. His slides were accompanied by the reading of scripture and poems.

The next meeting will be held August 12 in Ruth Longenecker's meadow. Members will be making crafts for Christmas in October.

Members are planning a bus trip to Gettysburg in September.

Lancaster Co. Society 24

Lancaster Society 24 met at the home of Rhoda Hollinger, Bareville recently. Twenty-one members present answered roll call by telling "What I Do For Exercise?."

For the program of the evening, the group heard Pat Farmer give a short talk on physical fitness, then the group went outside for various different type "Aerobics" exercises.

President Joanne Smoker announced the plans for the annual county board picnic to be held August 4 at noon at the Lampeter Community Grounds.

Reserved tickets are being held for this year's county convention, November 7, at the Lancaster Farm and Home Center.

Awards of $25 each were presented to two outstanding Garden Spot Seniors during their recent graduation. Recipients were Darlene Horning, vo-ag student and Janine Lane, home economics student.

The group will meet July 29 at the Conestoga Church of the Brethren, Bareville, for a family picnic. A hot and cold dish must be brought for the meal at 6:30 p.m.

Fulton Grange 66

OAKRYN — Fulton Grange 66 met in regular session July 13 at the Grange Hall, Oakryn. The Master Thomas C. Galbreath, conducted the business meeting.

The tour committee chairman, Clifford Holloway Jr., reported plans are being made for a three-day trip through Virginia in October. Also a five-day tour for October, 1982, to the World's Fair in Knoxville and the Grand Ole Opry in Nashville, Tennesee, and several places in Kentucky.

The youth committee chairman, Mrs. Edward Zug, announced a volleyball elimination will be held July 21. Also a volleyball party was scheduled for July 17 at the home of Mr. and Mrs. Edward L. Zug.

Linda Wood reported attending the State Grange Youth Camp at Camp Kanesatake July 10-12.

Mrs. Eleanor Hill, Kutztown, a member of the State Grange Women's Activities Committee, spoke on the various projects and contests the State and National Grange Women's Activities committee sponsor.

Projects include legislative, collecting clothing, and blankets for Church World Service, collecting eyeglasses and hearing aid batteries, the CARE and other benevolent projects, and money raising projects.

Contests include sign language songs, needlework, stuffed toys, rug braiding, zucchini bread, macrame belts, jewelry and hangers, and an individual quilling contest. She also stressed entering the sewing contest for next spring, using Simplicity patterns and Coats and Clark's thread.

The Lecturer, Mrs. Jesse Wood, announced the annual Fulton Grange family picnic to be held July 27 on the Grange Hall grounds. Grangers are asked to bring a meat dish, another dish and place settings.

Berks Co. Society 1

Berks Farm Women 1 had a doggie roast for members and families at the home of Mr. and Mrs. Harold Hetrick, Oley.

Seventeen members were present. It was decided that the group would have a food stand at the Ralph Levengood auction on July 23 at 4:30 p.m. in Levengood Grove, Amityville.

Members decided to have a "Foliage Tour," in October, with date and further details to be announced later. The annual family picnic is scheduled for August 16 at the Levengood Grove, Amityville, with all members of the families invited.

Picnic recipes

(Continued from Page C6)

Sundae Salads

salad greens
6 slices pineapple, drained
2 c. cottage cheese
1 c. sliced strawberries
mandarin orange yogurt
strawberries

Arrange salad greens on serving plate; then pineapple slices. Combine cottage cheese and 1 cup sliced strawberries. Mound about 1/2 cup on each pineapple slice. Spoon yogurt over cottage cheese and garnish with strawberries, if desired.

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State ranks second in production

Ice cream lovers love Pennsylvania ice cream

HARRISBURG — Pennsylvania manufacturers produced 79.9 million gallons of ice cream last year, up eight percent from 1979. The state ranked second nationally in production of this popular dessert, according to the Pennsylvania Crop Reporting Service.

Milk sherbet production, at 3.6 million gallons, was up 28 percent from the previous year and also placed Pennsylvania second in the nation. Ice milk produced in the state last year totaled 15.2 million gallons, down two percent from 1979.

Dairy product plants in the Commonwealth produced 59.2 million pounds of butter during 1980, up 21 percent from the year before. Creamed cottage cheese production at 45.4 million pounds was down two percent from the previous year while lowfat cottage cheese production at 16 9 million pounds was down less than one percent from 1979.

Pennsylvania's total production of cheese in 1980, excluding cottage cheese, totaled 101.3 million pounds, up eight percent from the year before. Mozzarella production was down two percent at 24.9 million pounds, while other types of Italian cheeses totaled 16.6 million pounds, up 16 percent from 1979. Seven million pounds of Swiss cheese were produced, down 21 percent from the previous year

Whole unsweetened condensed milk production in Pennsylvania totaled 43.2 million pounds in 1980, up two percent from the previous year. Production of skim unsweetened condensed milk totaled 57.7 million pounds, also up two percent, while production of nonfat dry milk at 48.3 million pounds was up 131 percent.

During 1980, a total of 3.71 billion pounds of whole milk was used in manufactured dairy products in Pennsylvania with 34 percent of this total used for butter, 20 percent for cheese, 32 percent for frozen products and 14 percent for other mik products.

Picnic set

HARRISBURG — The Dauphin County Farmer's Association's Annual Family Picnic will be held on July 25, 1981 at the Halifax Community Park, in Halifax

During the picnic, the Association will hold a meeting and discuss a number of proposed changes in the bylaws of the organization These Changes include a membership dues increase and the distribution of funds

The picnic will include a number of games for the children to enjoy Participants are asked to bring a covered dish and eating utensils. chicken and a beverage will be provided

Reservations for the picnic may be placed with any of the following people Walter Smeltz, 717-365-3122, Dave Rode, 717-896-8766, Mike Hubler, 717-469-0094

F.W.S. Calendar

Saturday, July 18

Lancaster Society 18 to hold a picnic with husbands

Lancaster Society 33 meets at the Landisville Campgrounds for a picnic

Lancaster Society 12 meets for a lawn party at the home of Marian Glick

Sunday, July 19

Lancaster Societ, .. meets for a family picnic at Sunny Craft Farm near Ephrata

Monday, July 20

Lancaster Society 31 meets for a program of Show and Tell by hostess Doris Aument

Tuesday, July 21

Berks Society 6 meets for crafts at the home of Fan Hartz

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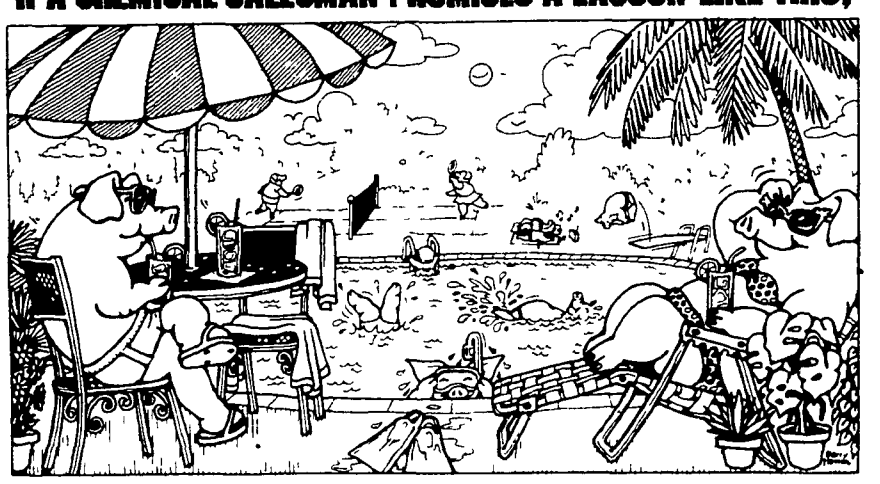

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

HOW TO CHOOSE A CANTALOUPE

Summer provides delicious fresh fruits and vegetables for good eating. Cool cantaloupe is a perfect appetizer or dessert that is both delicious and nutritious. But how do you choose a good, sweet cantaloupe? I would like to suggest that you allow your eyes and nose guide you when choosing cantaloupe.

The scar on the stem end of the cataloupe should be slightly sunken and calloused. This indicates maturity. If part of the vine is still attached to the melon it was not ready for picking.

Look for well defined, raised netting. This is another indication the melon was mature when picked. Rind that is grayish to light yellow in color also indicates ripeness.

The aroma of ready-to-eat cantaloupe is fragrant, fruity and sweet when the melon is at room temperature. Fragrance is harder to determine if the melons are refrigerated.

Lift a few melons and choose one heavy for its size as it will be sweeter and juicier than a light one.

You can choose a good quality, firm, mature cantaloupe and allow it to ripen at home at room temperature.

FOOD TRENDS IN THE UNITED STATES

Have you ever wondered how your eating patterns and food buying habits compared with other American consumers? Comparing data from surveys by government agencies, market research organizations, and independent companies in the food industry, many interesting facts about the changing patterns in the American way of eating were revealed.

These surveys suggest that, when it comes to food today's consumers are better educated, more demanding, and put a greater emphasis on quality. Their major food concerns include cost, nutrition and lifestyle.

To cut food costs, shoppers are choosing an alternatives to expensive beef cuts as poultry, hamburger, fish, pork, cheese and non-meat products. Redeeming coupons, shopping for sales, less impulse buying, less leftovers and more home gardening and canning are other methods people are using to cope with rising prices. Although price is the major consideration when buying food, nutrition is also a concern. Nutrition labeling, food additives and weight control are important issues. One survey revealed that there has been a 33% increase in the number of people on a weight-watching or reducing diet.

Major trends in American households are two-income families, more single person households, and more women in the workforce. As a result, demand for convenience products, labor-saving equipment, and smaller portion packaging is growing. At the same time, the previous trend toward more eating away from home is declining, due to rising fuel prices and general inflation.

All of this data suggests that we are in an era of transition as people continue to cope with changing economic, demographic and social patterns. Consumers are more informed and are actively seeking solutions to important problems and issues.

Charolais Juniors elect officers

HOUSTON, Tx. — David Odden, 20, of Rochester, Mn. has been elected president of the American-International Junior Charolais Association for 1981-82.

Odden was elected at the A.I.J.C.A.'s National Junior Leadership Conference held in San Luis Obispo, Ca. on June 22-26. Other officers elected were Brant Laue of Hanover, Kn., vice president; Lois Smith of Allendale, Il., secretary; and Mark Smith, also of Allendale, treasurer.

Odden was born in Lake Preston, S.D., the son of Mr. and Mrs. Mayland Odden, who still live in Lake Preston. He graduated from Lake Preston Public High School in May, 1980. While in high school, he lettered in football and track and was the district wrestling champion one year. He served as class secretary-treasurer and was on the student council. He was also named to "Who's Who Among High School Students" in 1979 and "Who's Who in Music" in 1980.

He worked as paste-up manager, feature writer, and straight news reporter for his high school newspaper, and won first place in paste-up competition at the state level.

Odden has served as an A.I.J.C.A. director-at-large for two years and as its vice president in 1980-81. He has served in every office in his 4-H Club, was a Future Farmers of America "Chapter Farmer", and showed numerous champion Charolais.

He is presently working as a surgical orderly in Rochester and is planning to attend South Dakota State University in the fall to major in journalism.

Broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending July 4 totaled 2,330,000, according to the Pennsylvania Crop Reporting Service.

The placements were three percent above the previous week and five percent above the same week a year ago. Average placements during the past nine weeks were one percent above a year ago.

Placements in the 21 key poultry producing states were 83,535,000, on a par with the previous week but four percent above the same week in 1980. Average placements during the past nine weeks were four percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending June 24 totaled 2,143,000, with an average lightweight of 4.02 pounds.

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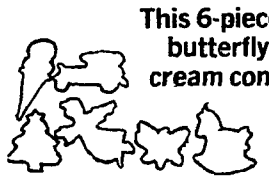

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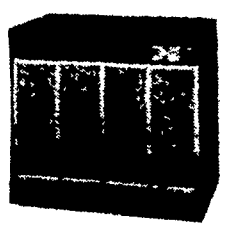

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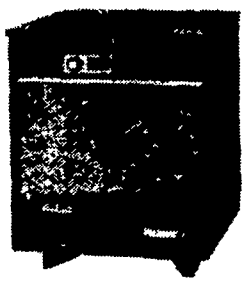

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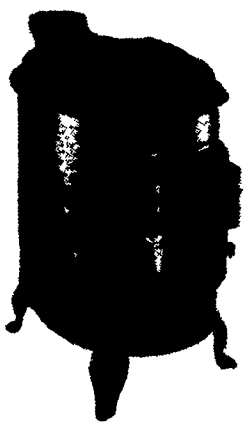

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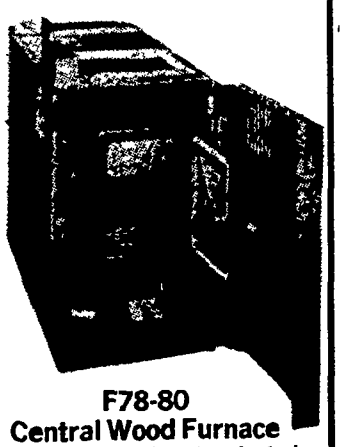

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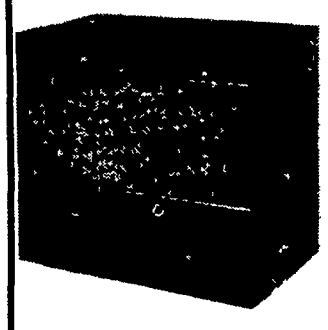

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Sun area crowns dairy princess

The new dairy princess for Snyder, Union and Northumberland counties is Beverly Thomas of Mifflinburg, right. Last year's princess is Jayne Gahres, center. On the left is Alternate Dairy Princess, Jan Klinger and back, Keith Martin of WGAL-TV, master of ceremonies.

LEWISBURG — Beverly Ann Thomas recently was crowned 1981 dairy princess for Snyder, Union and Northumberland counties. Beverly is the daughter of Mr. and Mrs. John J Thomas of Mifflinburg

Jan Klingler, daughter of Mr and Mrs. Larry Klingler of Selinsgrove, was selected as alternate. Kathy Reich, daughter of Mr and Mrs. Ronald Reich of Winfield, was named Miss Congeniality.

Special guests for the crowning were Robert Pardoe, president of the SUN area dairy princess committee; Keith Martin, news anchorman for Channel 8 and master of ceremonies; and Jayne Gahres, daughter of Mr. and Mrs. John Gahres of Dalmatia.

The new princess will be a senior at Mifflinburg High School this fall. Her course of study has been business education and upon attending college, she plans to become a legal secretary.

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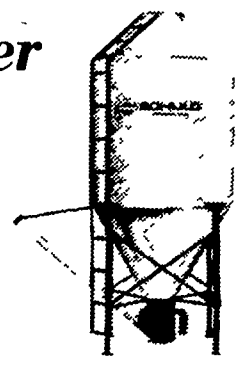

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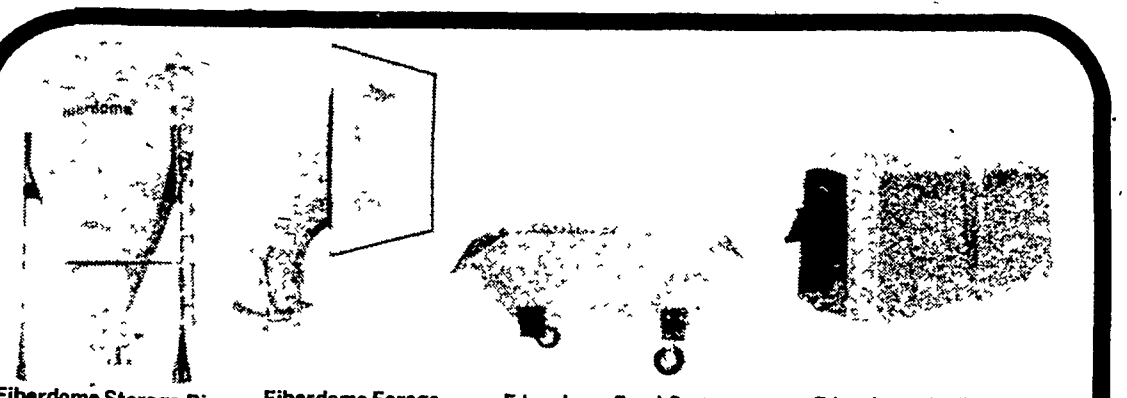

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York Co. gears up for plowing contest

DOVER — Dover's Young Farmers Association and the Extension service are again teaming up to put on the York County Agronomy Field Day, with a new twist added to this year's program.

As part of the July 21 and 22 variety plot tours and field day, county and state plowmen will converge at the host farms for their annual plowing competition. York contestants will throttle up their favorite diesels at 10 a.m. sharp on July 21, and the winners will try for a repeat trophy at the state level at 10 a.m. on July 22.

Host for the plowing portion of the field days is the Meisenhelter Farm on South Salem Church Road, southwest of Dover. Just a quarter-mile away at the Charles Rauhauser farm, visitors can observe field test plots of corn and alfalfa varieties, tillage methods, and farm chemical comparisons. Some two dozen seed and chemical companies will set up commercial displays at the tour headquarters.

Extension and industry specialists will be standing by various plots to answer questions as visitors tour the plots via farm wagons, which will leave at frequent intervals from the Rauhauser farm. Wagon tours will operate from 12:30 through 5:30 p.m. both days of the event.

Another special attraction will be tillage demonstrations, beginning at 2:30 p.m. on both July 21 and 22, featuring various tillage machinery including no-till grain and alfalfa drills. Equipment demonstrations will be at the Meisenhelter farm, along with several displays from area machinery dealers.

Co-op official receives award

SYRACUSE, N.Y. — Joseph C. Mathis, Economics and Research Manager at Eastern Milk Producers Cooperative Association, Inc., DeWitt, New York, is included in the 18th edition of Who's Who in the East, the cooperative announced Friday.

A native of Rome, New York, Mathis is an internationally known agricultural economist specializing in milk marketing and government regulation of the dairy industry. He did his undergraduate and graduate work at Cornell University.

Before coming to Eastern in 1970, Mathis was director of the Dairy Division of the New Jersey State Department of Agriculture. He also served as an economist with the U.S. Department of Agriculture in Hartford, Connecticut, for seven years.

Mathis has published extensively in the fields of dairy economics and government regulation of agribusiness. He writes a monthly column in the "Eastern Milk Producer", the house organ for Eastern Milk Producers Cooperative.

He serves as a consultant on several agricultural committees in Pennsylvania and New York, and belongs to a number of professional associations, including the American Agricultural Economics Association, the Northeastern Agricultural Economics Council, and the National Economists Club.

He also is active in several community organizations and currently heads the Rotary Club of DeWitt, New York.

Joseph C. Mathis

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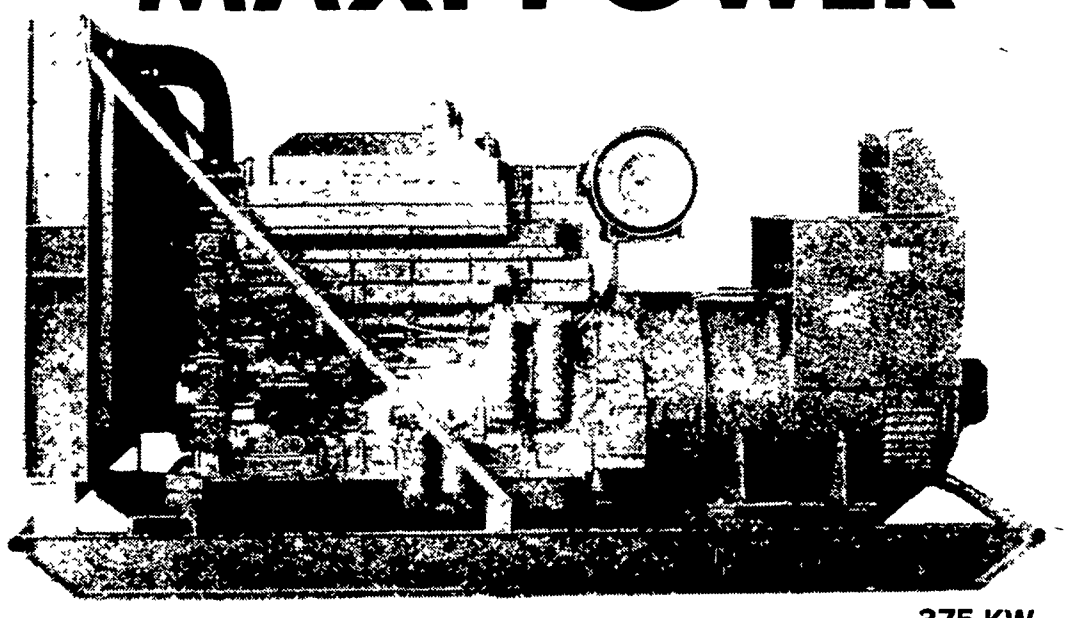

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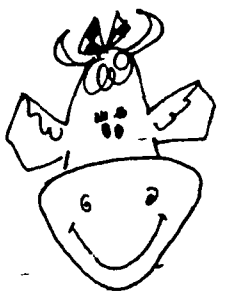

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The Bald Eagle serves as a national symbol

We learn so much about birds and animals on the farm, but do you know anything about America's national bird - the bald eagle? Settle back and read all about this proud bird...

The bald eagle, now an endangered species throughout most of the country, was adopted as the central figure of the great seal of the United States by the second Continental Congress on June 20, 1782, six years after a committee consisting of Benjamin Franklin, John Adams, and Thomas Jefferson was named to recommend an official seal for the newly-independent country.

"By next June, the bald eagle will have served as our national bird and symbol for 200 years," said Dr. Jay D. Hair, executive vice president of the National Wildlife Federation. "An eagle bicentennial will remind all Americans of our wildlife heritage--a priceless natural resource that we must manage wisely if it is to survive--and it will also remind us of the virtues--the strength and courage--that the eagle symbolizes."

On the national seal and also the Presidential seal the eagle carries an olive branch, signifying the country's desire for peace, in one talon. In the other it holds a bundle of 13 arrows, symbolizing the willingness of the 13 colonies to fight for freedom.

NWF has asked President Reagan to declare the "Year of the Eagle" in a Presidential proclamation, Hair said, and is now awaiting word from the White House on the President's response.

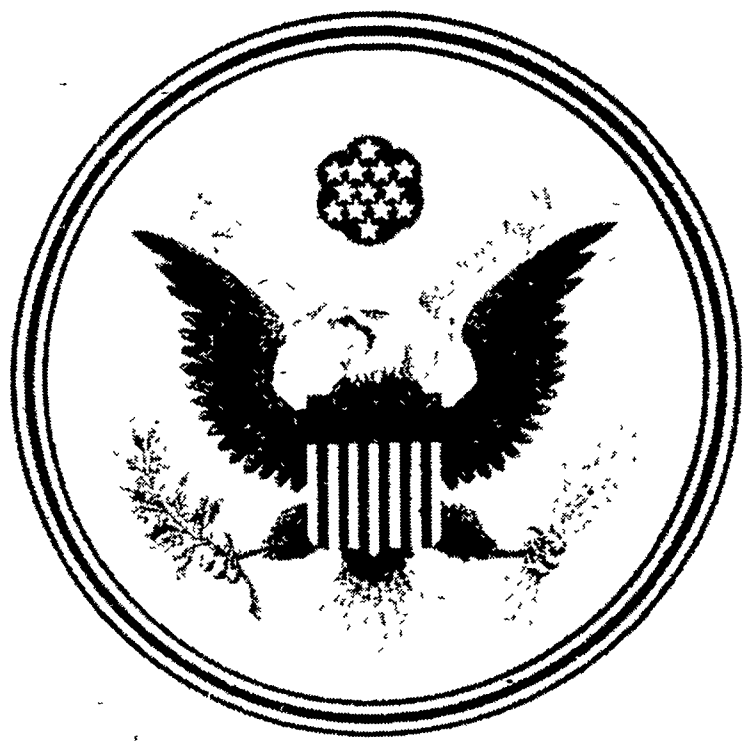
The high-powered committee appointed to develop a national seal, which included two future Presidents, was created on July 4, 1776, the same day that the colonies declared their independence from England. Benjamin Franklin later said he opposed the choice of the eagle on grounds that it was a cowardly creature of "bad moral character" that stole its food from other birds.

In a letter he wrote in 1784, Franklin said he had favored the turkey gobbler as the national bird despite the fact that turkeys were sometimes "vain and silly."

Zoologists dispute Franklin's contention that the bald eagle, a bird found only in North America, is a "rank coward." After years of study by three committees, William Barton, a Philadelphia expert on heraldry (and brother of Benjamin Barton, a well-known naturalist), submitted a design to Charles Thomson, secretary of the Continental Congress, and Thomson presented his drawing, with some changes, to the Congress.

The U.S. was by no means the first country to use an eagle--there are more than 50 species of the bird worldwide--as its symbol. Eagles appeared in the heraldry of Mesopotamia more than 3,000 years before Christ and served as emblems for Roman emperors, Charlemagne, Napoleon, and Peter the Great.

The Bald Eagle



The Great Seal of the United States

Ornithologists believe the bald eagle soared over all of the present "lower 48" states when the first Europeans arrived on this continent. Their numbers declined steadily as settlers pushed back the frontier and destroyed their wilderness habitat, then fell sharply in the 1950s and 60s as DDT, dieldren, and other man-made pesticides contaminated their food supplies. The indiscriminate use of these deadly pesticides was outlawed in the early 1970s.

Shooting has also taken its toll of the "bird of freedom." Until 1940, when Congress passed the Bald Eagle Protection Act, some states actually paid bounties for carcasses of the predatory "varmit" bird. The federal protection law was reinforced by the Endangered Species Acts of 1966 and 1973 and by a campaign by the National Wildlife Federation to stamp out illegal shooting of the bird.

Since 1972 the NWF has paid 13 $500 rewards for information leading to the conviction of eagle killers--a program that the U.S. Fish and Wildlife Service now duplicates as a deterrent to eagle poaching. Since the national Bicentennial of 1976, when it established the NWF Raptor Information Center to serve as a clearing-house for data on eagles and other birds of prey, the Federation has also acquired and placed under the protection of wildlife agencies eagle roosting sites in five states.

Each January the NWF conducts a bald eagle census in the lower 48" states which is considered to be the most thorough count conducted in the U S. The Federation has also lobbied and been involved in several lawsuits in efforts to safeguard habitat for the nation's symbol.

The bald eagle is now listed as "endangered" in all but five of the lower 48 states. In Minnesota, Wisconsin, Michigan, Washington, and Oregon it is listed as "threatened." In the 49th state, Alaska, bald eagles are plentiful and in the 50th, Hawaii, they are non-existent.

Kids, summer vacation is only half over this week so there's still some time for fun in the sun.

But when the clouds roll in and the outdoors aren't so pleasant, keep these recipes on hand to bake some delicious fun.

Chewy Chews

Ingredients:
1 six-ounce package butterscotch chips
2 T. peanut butter
1 three-ounce can chow mein noodles
1/2 cup chopped peanuts
Procedure.

1. Melt chips and peanut butter.
2. Remove from heat and gently mix in rest of ingredients.
3. Drop onto foil or wax paper.
4. Let harden and then chew.

Cream Cheese Cookies

Ingredients:
1/4 cup softened butter or margarine
1 small package cream cheese softened
1 egg yolk
1/4 teaspoon vanilla
1 package yellow or devils food cake mix

Cream butter and cheese. Blend in egg yolk and vanilla. Add dry cake mix, 1/3 at a time, mixing well after each addition. If mixer is used, add last third of cake mix by hand. Cover, Chill 30 minutes.

Heat oven to 375 degrees. Drop by level teaspoontuls onto ungreased baking sheet. Bake 8 to 10 minutes or until light brown. Cool slightly before removing from baking sheet.

Achievement night features horse, dairy bowl

SCHUYLKILL HAVEN — Members of local 4-H clubs participated in the Annual Schuylkill County 4-H Achievement Contests in demonstrations, public speaking, and horse and dairy bowl categories. The two bowl contests include quizzing teams on the care of horses and dairy cattle.

The Dairy Bowl contest was won by Allen Daubert, Robert Reed and Machelle Moyer of the South Schuylkill Cattle Club. Members of the Pitman 4-H Club: Ryan Kahler, Mark Snyder, Steve Snyder and Tracy Snyder finished second.

The Junior Dairy Bowl contest was won by Kristen Heffner, Karen Heffner, Kevin Wolfe and Becky Wolfe from the South Schuylkill Club.

The Horse Bowl contest pitted the 4-H Mustangs, Hegins Valley Trailriders and the Penrose Broncos against one another. The Hegins Valley Trailriders, with Kathy Balmer, Nancy Tallman, Craig Kline and Tracy Jusinski emerged victorious. Other members participating were: Rose Scherr, Michelle Sterner, Barb Stoyer, Wilann Blain, Lori Lodato and Wendy Lodato.

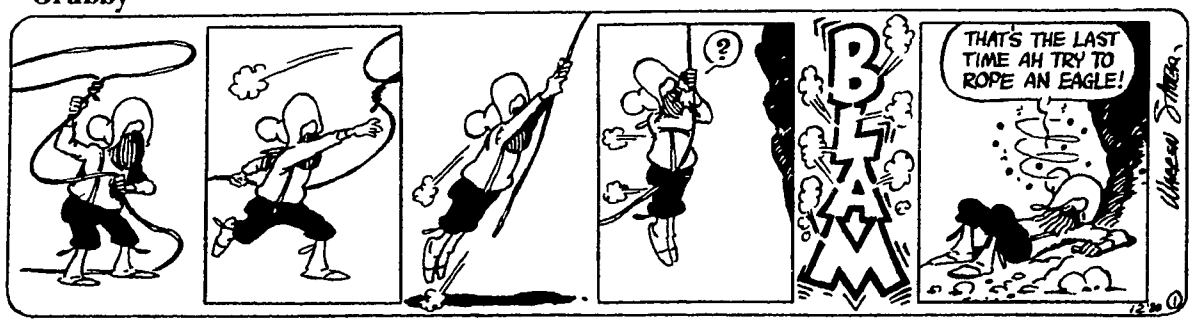
The Junior Horse Bowl saw the Trailriders outscore the Mustangs. Valerie Jusinski, Mary Jo Krammes, Stacy Bixler and Dawn Fowler outlasted Robert Blain, Kelly Moyer, Cindy Doran and Cindy Brower.

The blue ribbon winners for the Senior Demonstrations were: Rose Scherr, Jeff Kline and Theresa Gahen. The red awards were presented to Kathy Balmer, Craig Kline and John Williams. Tracey Jusinski took home a white ribbon for her demonstration.

The two Senior Public Speakers, Nancy Tallman and Anne Daubert, earned blue ribbons. Robert Paul of the MRD Wranglers won a red ribbon in Junior Public Speaking.

Most of the top winners are eligible to participate in State Achievement Days which is held annually at The Pennsylvania State University.

Grubby



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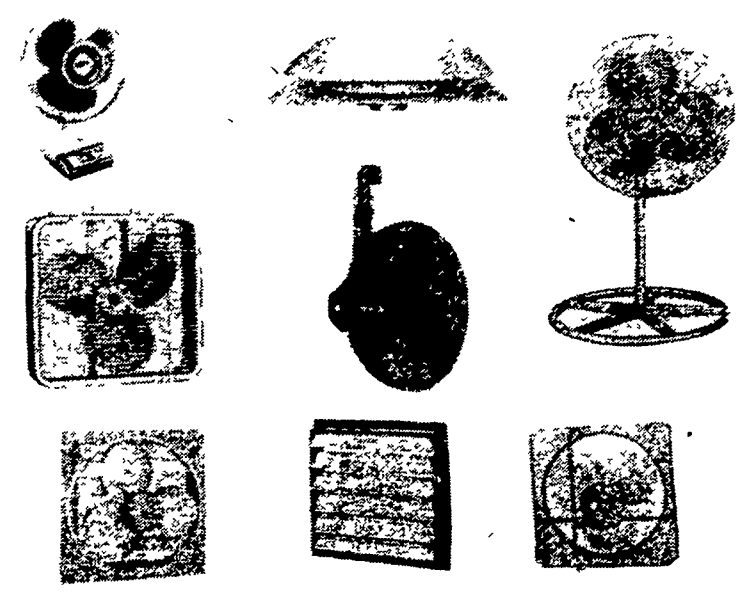

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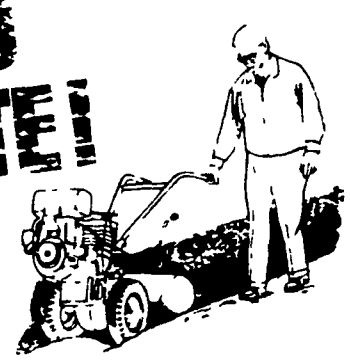

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Lancaster 4-H day camp held

LANCASTER — A record 145 4-H'ers showed up in Lancaster County Park, Tuesday, to enjoy the somewhat lower temperatures and perfect summer weather as they participated in the fun and fellowship known as 4-H Day Camp.

Ten adult leaders and thirty teens provided the leadership for the 8-12 aged group which thrived on the balmy weather and wide open spaces at the park.

According to County 4-H Agent Nancy Meyers, the 4-H'ers were divided into four color-coded groups, and took part in each of four workshops. The physical fitness trail at the park had the 4-H'ers exercising and stretching unused muscles.

Organized games and a block printing workshop proved popular. In a nutrition workshop the youth played games relating to good nutrition and made orange julius drinks which they had the pleasure of sampling.

After a bag lunch, participants hiked to the pool and cooled off with swimming. It added up to a great way to spend a sumer day and show some of that abundant Lancaster county 4-H spirit!-SB

JOIN 4-H

These 4-H'ers concentrate on making their block prints at one workshop during day camp. The prints were then transferred to paper and each child went home with a treasure.

Jodi Zeamer pours some of the freshly mixed orange julius as eager hands wait to get their sample.

Her name is Rita Raccoon? Not really, it was just one way of getting to know each other as one of the groups begins their recreation at 4-H Day Camp.

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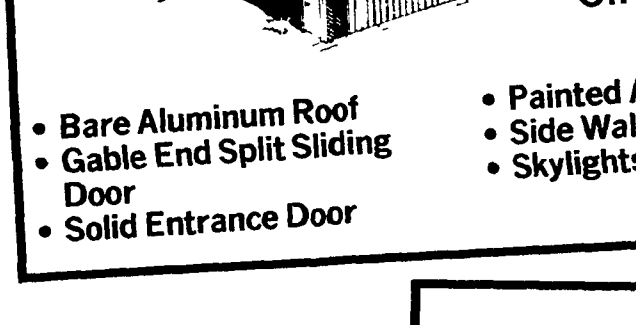

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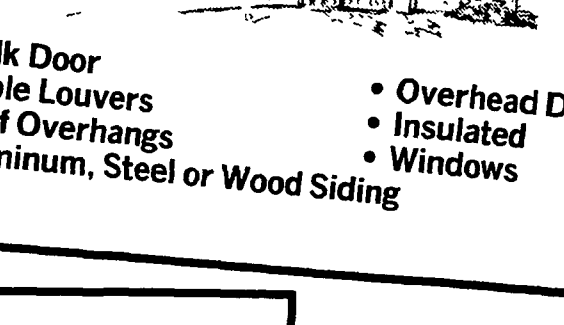

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Thomasville 4-H holds petting zoo

BAIR — The Thomasville 4-H club staged a farm animal 4-H Petting Zoo for members of the Hanover and York Bell Clubs Sunday, July 12, at the York County 4-H Center, near Bair.

The Pennsylvania Rangers, a group of about 40 members who promote horsemanship through trail rides, community service, and a drill team, hosted the Bell Club members for a picnic and recreation day featuring stage coach rides and softball games.

Tim and Trini Jowanowitch, Mike Zeigler, Darren Smallwood, Grace Brodbeck, Bridgette Boyer and Mike Welsh were in charge of the Petting Zoo.

Club members will be entertaining guests of the Hanover Retirement Center on Saturday.

Approvals were made at the meeting for a $10 donation to the Fashion Revue program, $10 for the 4-H Olympics, $10 for each club members attending State 4-H Achievement Days and a donation of $50 to a kidney patient from Hanover.

Reports given at the meeting were county council, Bridgette Boyer; camp, Jon Haskins; strawberry roundup, Jon Eller; movie night, Sue Eisenhart; and flower planting, Ron Horn.

The next meeting of the club will be a family covered dish picnic at the York County 4-H Center, July 28 at 7 p.m.

4-H leadership advisors named

NORRISTOWN — Six Pennsylvania 4-H members, who served as Leadership Council delegates to the recent annual 4-H Leadership Congress at The Pennsylvania State University, today were named advisors to the Congress to be held in June, 1982.

Announcement of the selections, based on leadership abilities, was made by Miss Patricia Kelley, associate 4-H youth program director at Penn State.

The six will supervise a group of 60 young adults who assume major responsibilities in conducting activities of the 1,200 members taking part in the Congress.

Named were Amy Yarnall, of Mildred; Charlene Gormley, of Newtown; Lynne Hathaway, of Lansdale; Tom Hostetter, of Thompsontown; Steven Imes, of Fleetwood; and Mike Shipe, of Valencia.

Lebanon County holds Capital Regional Day

LEBANON — Four Lebanon County 4-H'ers won blue ribbons yesterday at 4-H Capital Regional Day held at Dillsburg.

Damian Shiner, Myerstown 4-H Radiers; Regina Roof, Happy Variety 4-H Club; Ann Grumbine, Avon-East Lebanon 4-H Club; and Meagan Burrichter, Hoof & Horns 4-H Club; all received blue ribbons for their junior demonstrations. Red ribbon junior demonstration winners were Rhonda Bell, Campbelltown 4-H Club; and Dorothy Connor, Mill Acres 4-H Club.

The Foodarama judging team, composed of Beth Ann Shiner, Troy Funk, Karen Arnold and Debbie Bolles earned first place in the Regional contest.

Lori Ressor, Avon-East Lebanon 4-H Club, was the top individual winner in Foodarama.

Regional Day is a regional level of 4-H competition preparing youth for the State 4-H Achievement Days to be held at Penn State in August.

County youths named 4-H reporters

YORK — Mark Loughran, Beverly Eisenhart and Susan Janney of York County have been selected as three of the 85 Pennsylvania young adults to serve as county 4-H reporters, it was announced today by Carroll L. Howes, associate 4-H youth program director at The Pennsylvania State University.

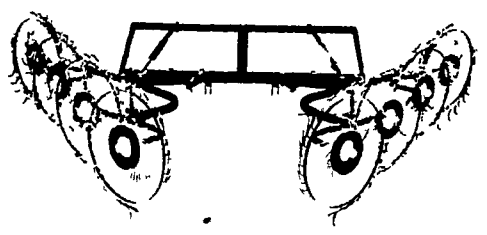
Members of the group have recently received special communications training on The Penn State Campus and will serve as 4-H ambassadors to promote the educational youth program.

"Their activities will help the public more fully understand the 4-H program, an integral part of the Penn State College of Agriculture," Howes notes.

County reporters will be available to talk to organizations at local, regional, and state levels, including 4-H Clubs, College of Agriculture alumni groups, legislators, and church and school functions. They also may make personal appearances at conventions and other large meetings.

The 4-H reporter training was conducted during Pennsylvania 4-H Leadership Congress, June 22-25.

Rake That Hay!



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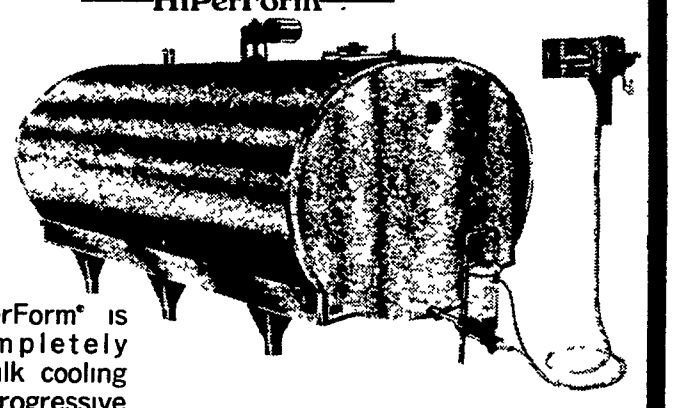

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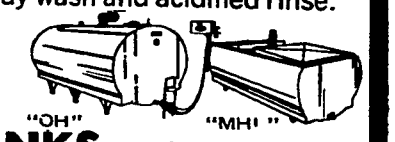

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Dairy photo album

And cats are called curious

BY DICK ANGLESTEIN

LANCASTER — The curiosity of farm cats is legendary.

But dairy animals are no slouches either at sticking their noses into the darndest situations, too.

Just look at some of these photos submitted in the recent Dairy Month Photo Contest.

The curiosity of the cow in the upper left photo is attracting quite a crowd with her new type of headgear.

Perhaps, she plans to engage in a little game of barnyard butting.

Then too, it might be some new OSHA regulation requiring a new kind of protective headgear for all cows being prepared for transport to market.

The cow on the left in the photo appears to be saying:

"Well, this is another fine mess you've gotten yourself into."

And the helpful cow on the right is either trying to help get the new hat off or push it on even farther.

The photo was submitted by Lesley Davis, of Chestnut Lane Farm, Earleville, Md.

The top right photo shows another cow trying to "drum" up a little sympathy for her situation.

Now, I've heard of the western wear craze, including 10-gallon hats, but a 50-gallon hat is showing off just a bit. And she's not even a Texas cow.

This photo was sent in by Chris and Justin Fraser, of R2, Montrose, Pa.

And, as the bottom left photo shows, it's easier to get things over your head when you're younger.

This young heifer, as photographed by Kenneth C. Morrow, R1, Loysville, has a white-walled necklace to show off to all of the other girls in the pasture.

Finally, this Nubian-Alpine cross will likely never go hungry or thirsty.

Wherever she goes, she carries her feed and water bucket with her.

This photo was sent in by Debbie Burkholder, of R2, Denver.

Our thanks to these photographers for sharing their curious moments with us. And an overall thank you to all who entered the recent contest.

Nat'l Food Safety meeting to be held

NEW YORK, N.Y. — A national seminar on participation by the United States in the Codex Alimentarius Commission will be held September 15 and 16 at the U.S. Department of Agriculture headquarters building in Washington, D.C.

The Codex commission works to develop international food standards that will promote world-wide food safety and international trade in food products, according to Eddie F. Kimbrell, associate deputy administrator of USDA's Agricultural Marketing Service The commission was established in 1963 by the Food and Agriculture Organization of the United Nations and the World Health Organization.

According to Kimbrell, the purpose of the meeting is to assess the past and future role of the U.S. in the commission and to give the public the opportunity to learn about the commission.

There are 18 active Codex communities developing standards and the U.S. has officialy accepted about 30.

Kimbrell said representatives of USDA, the Department of Health and Human Service's Food and Drug Administration and the FAO would participate in the meeting.

Complete seminar details will be announced later, Kimbrell said.

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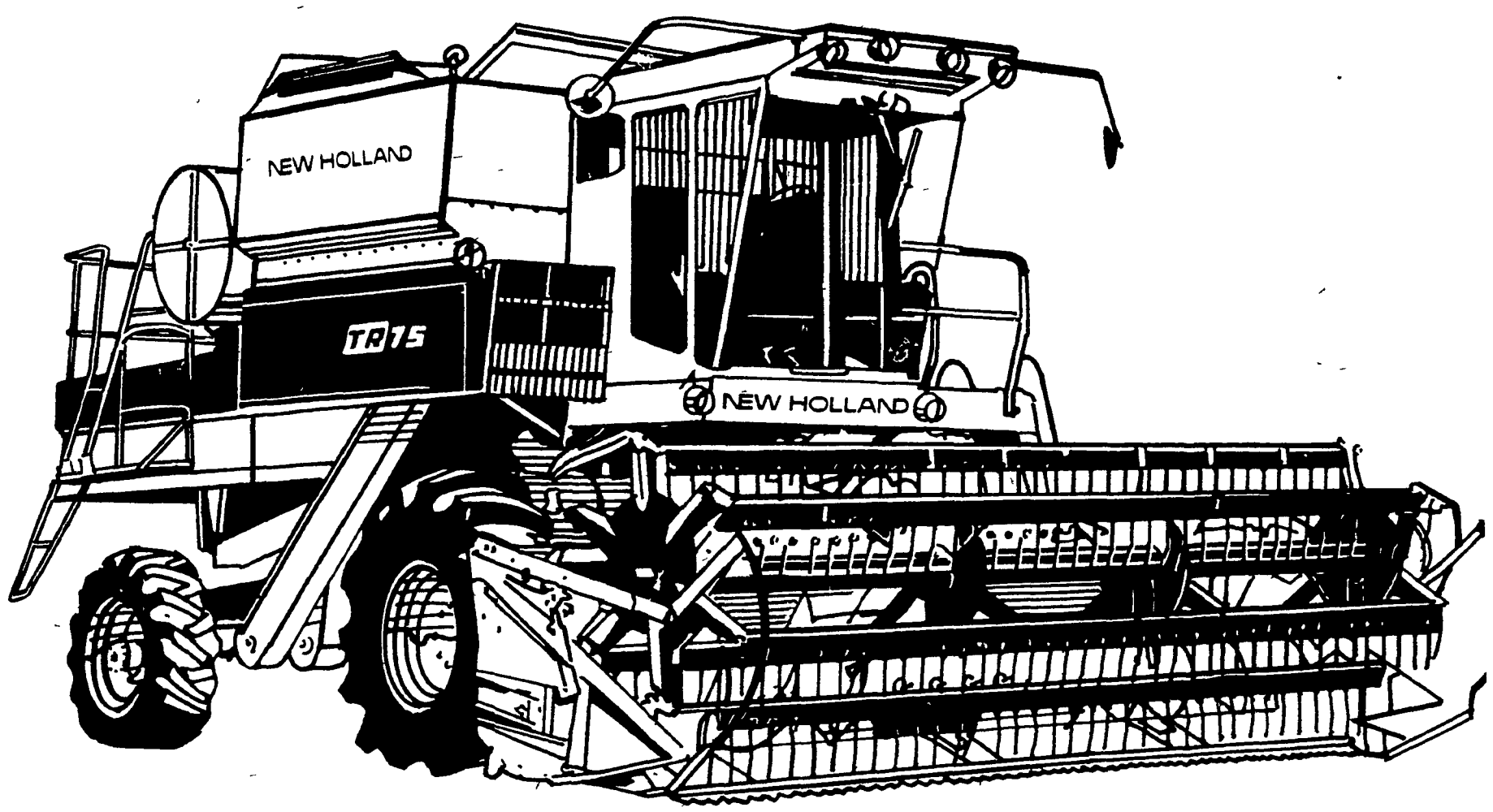

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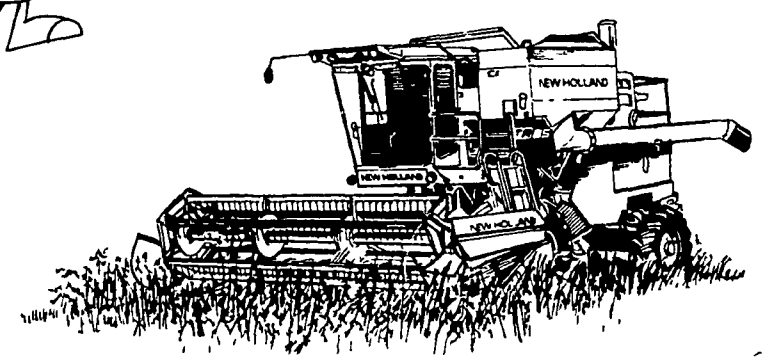

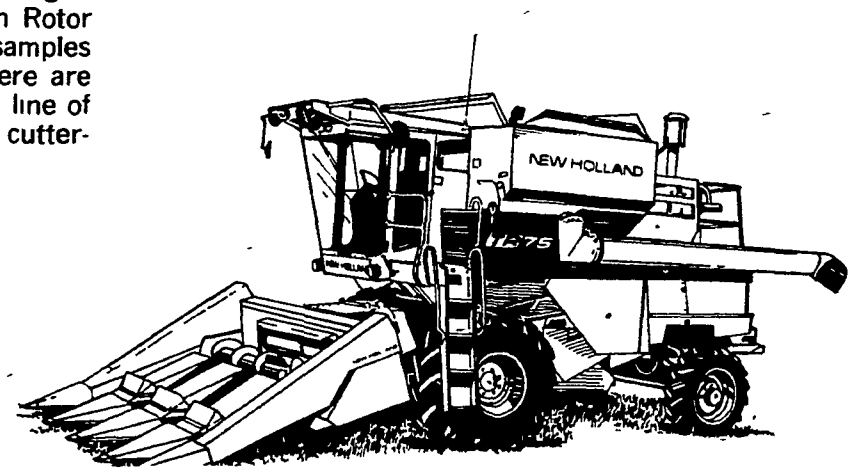

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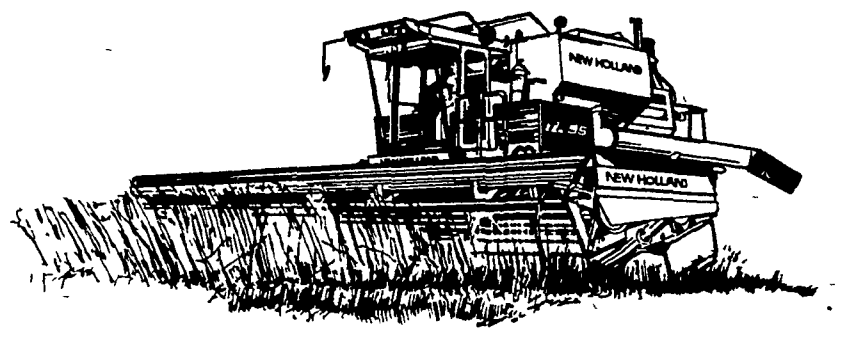


See the completely new line of Sperry New Holland corn heads, flexible cutterbar soybean headers and rigid grain heads. Complete range of sizes to fit your operation Capacity to match the three models of Twin Rotor™Combines. Come on in for all the details. And like all Sperry New Holland machines, Twin Rotor combines are backed by a parts and service system that's second to none.

The making of a dairy princess

BY DEBBIE KOONTZ

HUNTINGDON — Donning smiles and toting crowns in shoeboxes, whipped topping bowls, and paperbags were the 43 dairy princesses (representing 47 counties) who gathered for the annual training seminar at Juniata College, Monday through Wednesday.

Attending with the girls were alternates from each county, area coordinators and workshop instructors.

The seminar, sponsored by Atlantic Dairy Association, was brought together by district county coordinators; district dairy promotion director of ADA, Joyce Graybill; the Pennsylvania Department of Agriculture; local milk promotion chairmen; and Carol Gray, communications director at American Dairy Association in Towson, Md.

Designed as an opportunity to educate dairy princesses on dairy promotion, the seminar offers the girls a chance to study themselves, their appearance, how they present themselves, how to walk, sit, talk, promote milk, use the news media and in short how to sell their favorite commodity — milk.

That white, foamy, soft, soft drink was the main initiative behind these girls as they voluntarily trudged from hall to hall attending one lecture after another.

But they all seemed to agree that it was worth the effort as they made new friends, received new hairdos and saw themselves on television as part of a mock taping.

On hand to offer a little more perfection was Betty Rode from the Pennsylvania Department of Agriculture who taught the girls "social poise." Her presentation was more than "sip, don't slurp — don't slouch — head up — stand tall," it was actually an attempt to instill confidence in 'self' as well as milk.

"Appearance" received a whole evening of fun as Cindy Neely, state dairy princess, presented "Dress for the Occasion," showing the girls the proper attire for the proper occasion.

Mr. Richard Norton from Atlantic Dairy Association at Towson, Md., was on hand to present "Working together makes the difference," an overview of cooperation in the dairy industry.

Joyce Graybill, also from ADA presented the girls with "Promotional Know-How" and Carolyn Hebe-Weber presented "Milk — Nutrition," highlighting the bonuses of milk.

Effective communication received over half of the attention at the seminar as the princesses were taught the ins and outs of newspaper publicity, public speaking, and television and radio techniques.

Each girl was given the opportunity to present a 3 to 5 minute skit to be used before audiences, to coordinators who then critiqued their work. Many of the girls delivered the speech or act which earned them their crown. Others structured their skit toward elementary children — one of their largest audiences.

And when the work was done and the crowns put aside, it was time for — what else — a milk break, sponsored by the Huntingdon County Dairy Promotion Committee.

A head full of knowledge wasn't the only reward for attending the seminar, however; each girl received an individual photograph of herself to present with her promotion work. And that's all they need now — a chance to promote.

The making of a dairy princess, those beautiful girls who represent one of the state's leading commodities, is more than just placing a crown on a head as these vibrant young girls just learned

(Turn to Page C19)

Princess Kim Proper from Clarion-Venango counties, left, and Anita Hammond of Erie County get a new hairdo at the "Hair Clinic"— part of the seminar. Prime concern? How the crown will adorn their new hair style.

Betty Rode, "Social Poise" group leader, maintains her smile and poise as she distributes booklets to the princesses after a day full of instruction.

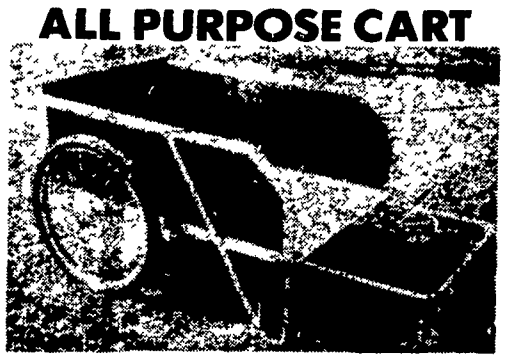
Juniata College has never seen a royal gathering before such as this one. Forty-three beautiful dairy princesses each donning a smile and a crown gathered with alternates, instructors, and coordinators at the college for a three-day training seminar.

Dairy princess seminar

Beverly Thomas from the SUN area runs through her presentation before presenting it to the judges to be critiqued. With her is Pat Miller, Central area coordinator.

Every princess had an opportunity to view themselves on television during a taping session. Candy Neufeld of York County, left, and Deb Greider, of Lancaster County, take their turn talking to interviewer and state princess, Cindy Neely, center.

ALL PURPOSE CART



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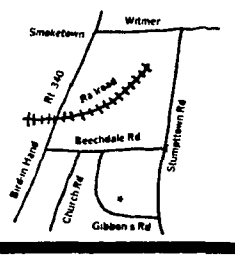

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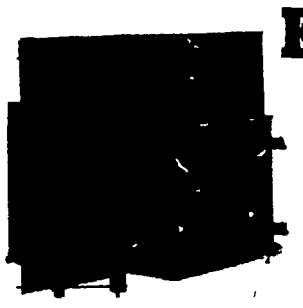

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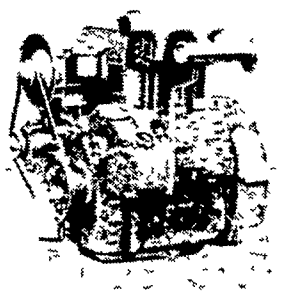

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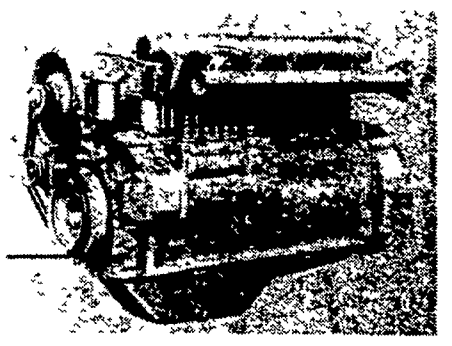

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Plant disease clinic aids farmers, gardeners

PENN STATE — A disease clinic for plants, the only one of its kinds in Pennsylvania, operates within the College of Agriculture at The Pennsylvania State University. What's more, the services are free.

The Plant Disease Clinic at Penn State can diagnose all sorts of problems—those caused by fungi, bacteria, nematodes, viruses, and air pollutants. Clinic personnel diagnose problems not handled by the regular soil and forage testing laboratories at University Park.

Managing the clinic is John D. Peplinski, senior research aide. The diagnostic staff includes all Extension specialists within the Department of Plant Pathology. Peplinski indicated the analysis of plant problems is available to anyone needing such help.

"Of all specimens received, 35 percent are referred to us by county Extension agents," Peplinski commented. "The remaining 65 percent are either submitted directly by mail, are brought in personally, or come to us through faculty and staff members."

Many plant specimens are received from other states. The Penn Staters also cooperate with workers in several other university clinics of the Northeast to help understand and solve plant problems. About 1800 specimens are processed at University Park in a year. Of these, some 50 percent come from commercial operations and the other 50 percent from homeowners.

Kits are available for submitting plant specimens and soil samples. These kits are available in room 218 Buckhout Laboratory, University Park, Pa., 16802—as well as at all county Extension

Use of the kits is encouraged. A form in each kit, when filled out, provides valuable information to aid clinic personnel in diagnosing plant disease problems.

Clinic facilities include a laboratory for microscopic examination of diseased plants. Lab personnel can also isolate and grow plant pathogens—disease organisms. Moreover, virus analysis is carried out using certain plants called "indicator plants" that readily show disease symptoms. Viruses are also detected with a technique known as ELISA, an acronym for the scientific name of enzyme-linked immunosorbent assay.

If the plant pathology staff finds that diseases and air pollutants are not involved in a problem, then Extension specialists are consulted in other departments—entomology, agronomy, horticulture and forestry.

"Listings of specimen records can be produced," Peplinski said, "whenever people request information regarding certain diseases or crops [illegible]ample, if a listing is needed for all tomato samples received by the clinic in 1980, we can print this list with our computer terminal."

The Penn State computer storage system proved to be a valuable source of information for the Nuclear Regulatory Commission in its investigation of plant problems reported in the Three Mile Island area. Computer listings of plant specimens received by the clinic in 1979, from counties surrounding TMI, were given to the NRC

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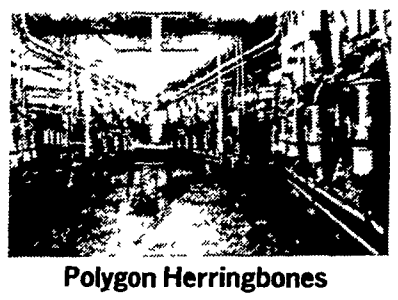

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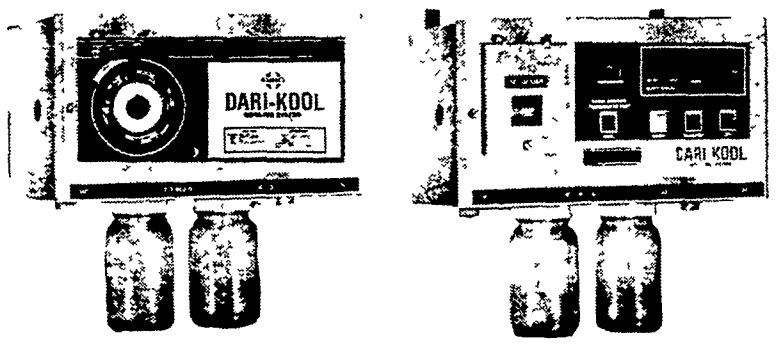

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Lazarus takes top honors in FFA hog show

QUAKERTOWN — Nineteen Future Farmers of America participated in the 13th Annual FFA Market Hog Show and Sale on July 8 at the Quakertown Livestock Auction. Buyers paid a total of $10,724.10 for 80 FFA Market Hogs entered in the sale.

Annually, members of the Future Farmers of America in the four county areas sponsor a market hog show and sale for students studying vocational agriculture and are raising market hogs as their FFA projects. Students begin their projects in the middle of March each year under the direction of their vocational agriculture instructor.

Leslie Lazarus, Whitehall, a Lehigh County Vocational Technical School junior, sold his Grand Champion market hog to Hatfield Packing Co., Hatfield, for $2.50 per pound. The Grand Champion hog weighed 245 pounds and sold for a total of $612.50.

Hatfield Packing Co. was also the successful bidder for the Reserve Grand Champion at $1.95 per pound, again exhibited by Leslie Lazarus. The Reserve Grand Champion weighed 240 pounds and sold for $468.00.

Other top winners in the Swine Show were Cheryl Wessner, Lehigh Vo-Tech, first in the Showmanship Class, first light weight class, and second place in the Fitting Class. Ronald Geissinger, Upper Bucks Tech, placed second in the light weight class. Dale Hockman, Upper Bucks Tech, placed second in the heavy light weight class, second in the medium weight class, and second in the heavy weight class. Vernon Freed, Upper Bucks Tech, placed fourth in the Showmanship Class and fifth in the Fitting Class.

Gary Natali, Upper Bucks Tech, captured fourth in the heavy light weight class; Kathy Socker of Upper Bucks Tech placed fifth in the heavy light weight class while Ed Rick took fifth in the heavy weight class.

Other participants from the Upper Bucks Tech School were Douglas Carr, Maria Vorhauer, Kris Shive, Duane Gahman, and Virginia Rocchino.

The participating FFA chapters included Western Montgomery, Upper Bucks Tech, Eastern Northampton and Lehigh County, A.V.T.S.

At leadership session

Two members of area FFA chapters attended a National Future Farmers of America Leadership Conference in Washington, D.C. last week.

They are Steve Kauffman, left, son of Mr. and Mrs. Robet H. Kauffman, of Elizabethtown; and Kenneth Hall, son of Mr. and Mrs. Donald E. Hall, of Shippensburg.

In addition to helping the FFA'ers improve their leadership skills, the conference featured visits to congressmen of the respective members.

Conservation tilled crops faring well during dry spell

HARRISBURG — Crops planted in Pennsylvania this year under a conservation tillage system seem to be equal, if not better, than conventional till crops, according to Soil Conservation Service officials.

John Spitzer, SCS agronomist said, "Reports from people across the state indicate there is little difference in the height of the crops when comparing the two farming practices. However, most reports show better results on conservation tillage."

SCS Information Officer Frederick Bubb states he has been watching two corn fields planted at the same time on shaly soils in Cumberland County. The conservation till corn is now shoulder high, while the corn in the plowed field is only waist high.

SCS defines conservation tillage as any planting system which leaves 1,500 pounds of corn residue or 750 pounds of small grain residue on the soil surface after the crops are planted.

"Farmers who want to make their own comparison should be looking at the leaves for signs of the corn plant drying out. Similar crops planted with conservation tillage should be growing without stress, while the conventional till crops are beginning to show leaf roll or stress, in the southeast," noted Spitzer.

"Of course, the real comparison," continued Spitzer, "of the two farming practices will come at harvest time. The actual yield of the same crop grown on the same soil with two different farming practices will tell the real success of conservation tillage.

"Conservation tillage crops will normally be equal to or outperform conventional tilled crops. In dry years, the crops planted in last year's residue will do better than crops planted on fields that have been plowed," Spitzer said.

The real benefits of conservation tillage are reduced trips across the field, protection from erosion and especially, the conservation of more moisture in the soil for the crop. At this time of year, it is especially important to have enough moisture for the crop's use.

"Many crops, especially corn, are beginning their silking process and need maximum moisture at this critical time. The tilling or plowing of the soil in the spring causes the soil to dry out. With conservation tillage, there is more moisture in the soil," said Spitzer.

Farmers need to start thinking about leaving this year's crop residue on the soil surface and trying conservation tillage next year. They can get help in converting to conservation tillage from the nearest Extension Service or Soil Conservation Service Office," noted Spitzer.

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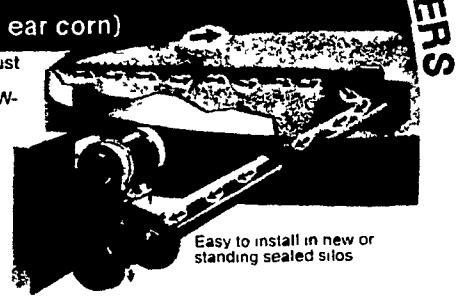

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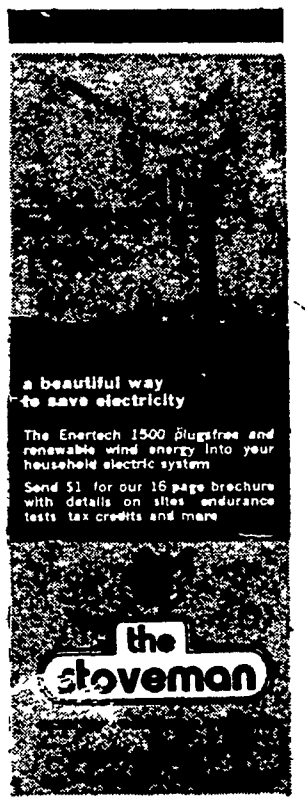
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Getting started in farming

Fifth in a series of six articles on how to get started in farming

NEWARK, Del. — Farming is big business today. High capital requirements, extensive credit, high product sales volume, and large production expenses characterize the financial situation of commercial farmers. You need more financial know-how when you're setting up in farming than at any other time, if the venture is to prosper.

The foundation of any profitable business is a well-organized set of accounts and production records, says University of Delaware extension farm management specialist Dr. Don Tilmon. Successful control of your financial affairs depends on an accurate account of the flow of money into and out of the business. The records you keep are the basis for future production and capital investment decisions.

A complete farm account and records system should contain information on bills paid, income received, accounts payable, accounts receivable, an inventory of farm assets, and documentation on the status of partnership, rental and other business agreements.

These records will help you file your income taxes, report on social security funds paid out, maintain historical data for estate purposes, provide a cost basis for real property, and handle insurance coverage and claims.

A good set of books will make it possible to analyze your farm business so that you know which enterprises are paying for themselves and which aren't. You need accurate records in order to determine the net worth of the business. They also will provide the factual basis for budgeting and planning future management changes. They establish your known resource base and past production record.

Here are some of the things Tilmon says your farm records should include in order to carry out these functions:

An asset and liability account—this is a physical listing of all your resources or assets, with values assigned, together with any claims or liabilities against them. The asset value minus the liability value provides the net worth or balance sheet of your farm business. A net-worth statement is an account of your financial position at a given point in time.

A receipt and expense account—this covers receipts to and expenses paid by the business, usually over a period of one year.

A capital account—this is a record of capital assets and improvements which can't be fully debited as expenses in the year purchased. To recover their full cost you must either depreciate them annually or debit them as a cost to your annual operating account.

A credit account—this records your farm liabilities, keeps track of loans and accounts payable as well as the interest on principal payments and unpaid principal balances. It also covers accounts receivable.

A cash flow account—covers receipts and operating expenses, principal and interest payments, plus new loans and cash purchases for the capital account. It indicates the net cash flow or residual cash of the business, excluding a wage and management allowance for yourself and any unpaid family labor.

Many farmers combine personal cash flow with their business cash flow. To find out exactly where you stand in both areas, combine your living expenses, personal tax obligations and other committed personal cash expenditures with your farm-business cash flow.

Cash flow accounting indicates your ability to meet operating expenses and to carry a given debt load seasonally, annually, and for the life of the debt commitment.

Production and statistical records—relate the production of crop and livestock enterprises on the farm to the resources used for their production. This information lets you analyze performance and budget for production and management changes.

Enterprise accounts and records—make it possible to separate out of the total farm production record information on individual enterprises for detailed analysis.

A farm business analysis—combines both financial accounts and production records so that you can identify strong and weak management areas. It thus provides the basis for future decisions on the organization and operation of your farm business. By comparing data from different years, you can measure your financial growth and production efficiency.

Operating a farm business requires large investment of capital and the handling of large sums of money annually. Almost all the decisions you make have an effect on the income tax to be paid and on the amount of money available for the business. As a farmer, you need to understand the tax consequences of various transactions in order to minimize your tax burden while maximizing after-tax income.

To accomplish this objective, says Tilmon, requires an understanding of the tax consequences of such items as operating expenses, depreciation, cost basis, capital gains, investment credit, social security base, and deductible personal expenses. Since income taxes often change from year to year, it is important to keep yourself well-informed on this subject.

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Beth Holtzinger wears nat'l Berkshire crown

Beth Holtzinger, the 1980-81 Pennsylvania Berkshire Queen, has come home to York County from the national competition held last week in North Carolina wearing the crown that represents Berkshire swine breeders across the U.S.

KINGSTON, N.C. — For the first time in state history, Pennsylvania's Berkshire queen has been crowned as the swine association's national - queen. Wearing the sparkling tiara for all Berkshire breeders in the country is York County's 17-year-old Beth Holtzinger.

Beth has been the state's Berkshire queen for the past two years, however this is the first time she competed for the national title. The 106-year-old contest was held here last week during the Berkshire National Type Conference.

According to Beth, she couldn't believe she had been chosen to wear the national crown — even when she woke up in her motel room Thursday morning and saw the dozen roses and the national banner draped across a chair. "I thought I woke up in someone else's room by mistake," she laughed.

But the excitement and honors were hers — and Beth will be taking her enthusiasm for the breed to many national shows and type conferences throughout the coming year. She received a $250 scholarship from the swine breeders to be used toward her education.

Also competing in the national contest were Berkshire queens from Indiana, Iowa, and Ohio.

Beth is not only a Berkshire enthusiast because she wears the breed's crown, she also raises the swine at her family's farm near Red Lion.

Presently her purebred herd consists of 20 head, stemming from an FFA chapter chain gilt she was awarded in 10th grade plus a bred gilt she purchased that year from Clayton Winebark, Rochester Mills.

Beth, the daughter of Lester and Edna Holtzinger, is a senior at Red Lion High School.

Summing up her feelings about her coming year as National Berkshire Queen, Beth bubbled, "I'm excited and ready to fly."

Lebanon Co. first in Goodyear contest

LEBANON — The Lebanon County Conservation District has taken first place honors for Pennsylvania in the 34th Annual Goodyear Conservation Program.

The Lebanon District was selected by a state judging committee for its accomplishments in resource management, according to Ray Oviatt, awards program director.

Representing the first place district on the grand prize tour in December — an expense-paid, vacation-study trip to the Wigwam resort and Goodyear Farms, Litchfield Park, Arizona — will be Boyd Hitz of Lebanon. There he will be joining 52 representatives from other first place districts throughout the U.S. and Puerto Rico.

Hitz was selected as the county's outstanding cooperator for the year and serves as a district board member.

Also receiving a plaque will be the Dauphin County Conservation District, the runnerup contestants. Dauphin's outstanding cooperator is Jean Zell, Elizabethtown.

Clinton Conservation District, a first place winner within the past five years and hence ineligible to repeat, was named Honor District in recognition of its continuing achievements.

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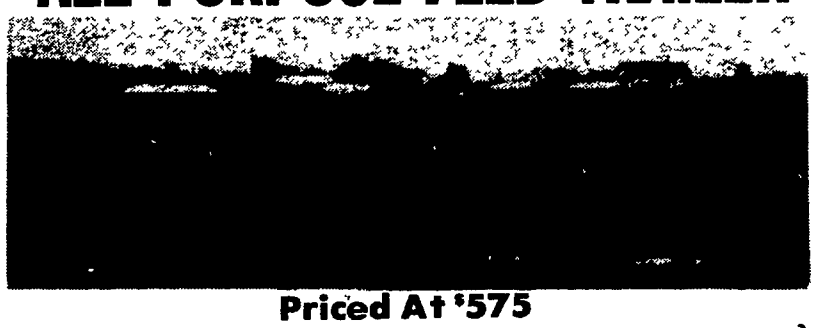

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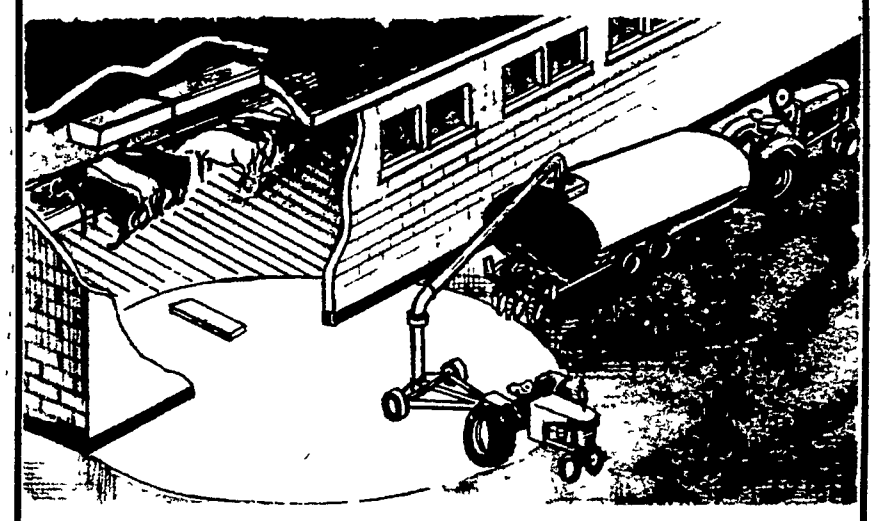

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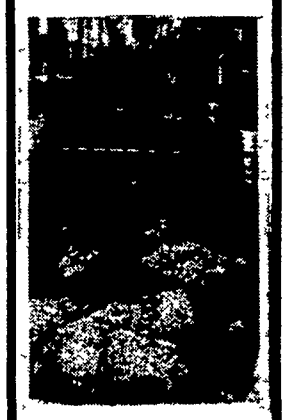

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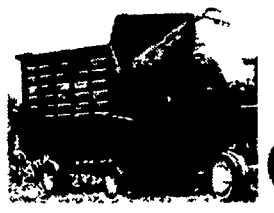

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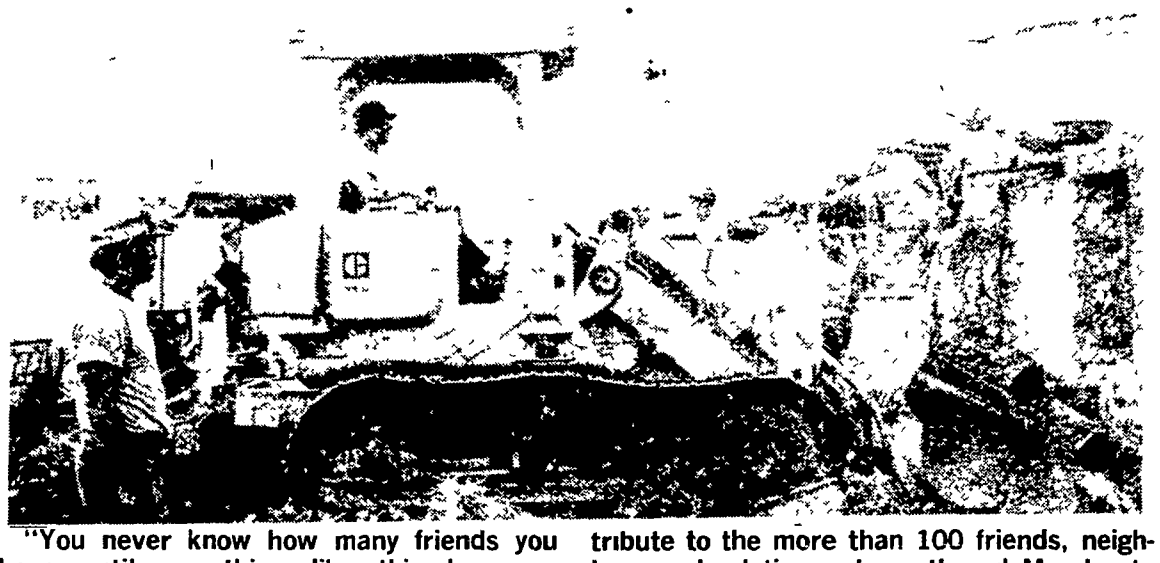
Friends, neighbors clean up Sauder barn fire debris

Charred window and foundation stone frame the activities of a few of the volunteers who aided in removing remains of barn destroyed by fire on the Sauder farm.



"You never know how many friends you have until something like this happens. Without them, I wouldn't even have attempted to start."

With these words, Norman Sauder, of near East Petersburg, Lancaster County, paid tribute to the more than 100 friends, neighbors and relatives who gathered Monday to clean up the debris from last week's barn fire.

In above photo, Sauder, at left, observes clean-up scene.

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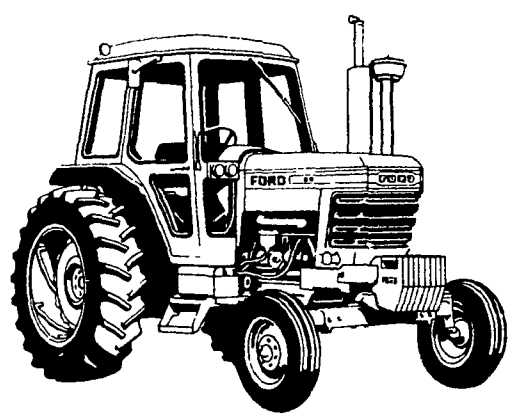

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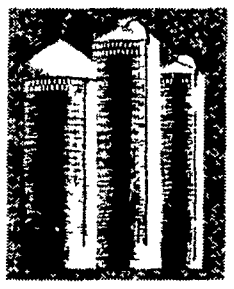

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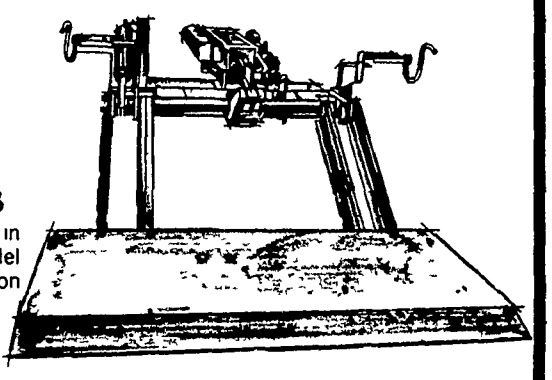

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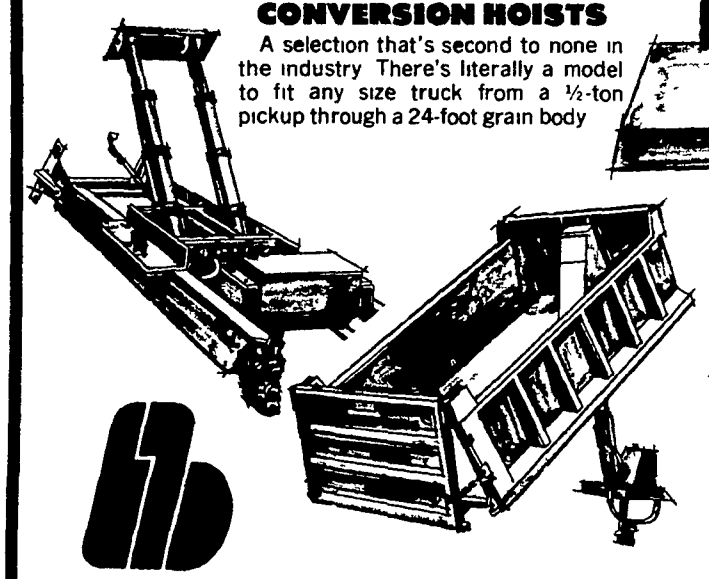

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City sprawl threatens farming's existence

By Susan Loth
National Geographic News Service

WASHINGTON, DC — "It was my granddad's farm, and my great-granddad's before that. You want to see the old family farm? Go look at the shopping center and the townhouse projects around it. In the middle you'll find what's left: I guess Mother has around five acres."

Signs of city life aren't far away as Willard "Dick" Forman, 73, plows his eight acres in Clive, Iowa, west of Des Moines. A national study has found that the country is losing a million acres a year of its best farmland to urban uses.

Wallace Covington Jr. still lives and works in Fairfax County, Va., but the 200 acres where he raises cattle are in the country down the road—the road that takes him farther from Washington, D.C.'s urban sprawl.

Elsewhere in Fairfax County, homesites are for sale at the 823-acre Franklin Farm. The J.B. Franklins have sold their dairy farm, and the Maryland and Virginia Milk Producers Association Inc. soon will lose one more nearby source.

"Twenty years ago, there were 60 dairy farms in Fairfax," said Robert H. Rawlins of the milk co-op. "Now we have five." As a result, he noted, the co-op is trucking in milk from farms once thought too distant to be economical.

This loss of farmland affects more than the Covington family tradition or the price of milk in Washington. It's happening across the country, and it's something to worry about, a federal study has warned.

As the country builds up and out from its cities, farmland is disappearing at the rate of 3 million acres every year, according to the National Agricultural Lands Study releasd by the U.S. Department of Agriculture and other government agencies.

The annual loss includes 1 million acres of prime farmland, with the richest, flattest soils that produce the best yields at the lowest cost. But prime farmland is also attractive for other uses.

Each day, four square miles of America's best farmland are covered over—by housing tracts, highways, airports, businesses, parking lots or man-made lakes, the NALS says. Put together, a year's loss could form a corridor from New York to California half a mile wide.

"I think the important thing Americans should be learning is that our good farmland in this country has a limit," said Robert Gray, who directed the NALS project and now is with the American Farmland Trust. "We have 540 million acres of pretty good farmland out of a land base of 2.2 billion acres, and that 540 million acres is our ace in the hole."

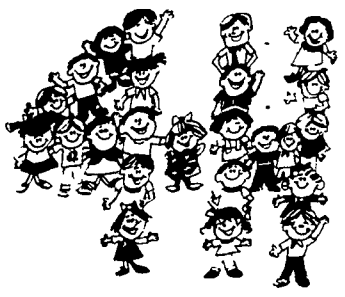
The study recommends the country add to the 413 million acres now in cropland, and it has identified 127 million acres of good potential cropland now mainly in forest, pasture, or rangeland.

In fact, the NALS estimates that to keep up with expected world food demand by the year 2000, U.S. farmers may have to cultivate an extra 85 to 140 million acres. Already the yield of one in every three acres harvested is shipped overseas, giving agricultural exports—some $40 billion worth in 1980—a big role in the national balance of trade.

In the meantime, the land losses continue. The NALS says that if farmland conversion continues at the 1967-77 rate, Florida—producer of half the world's grapefruit and one-fourth the world's oranges—will lose nearly all its important farmland by the end of the century. Another Sun Belt state, California, would lose 15 percent of its agricultural lands.

Noting that citrus fruit, like many crops, depends on special

(Turn to Page C26)



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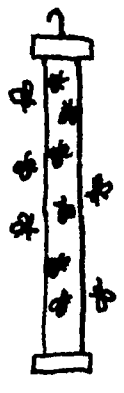

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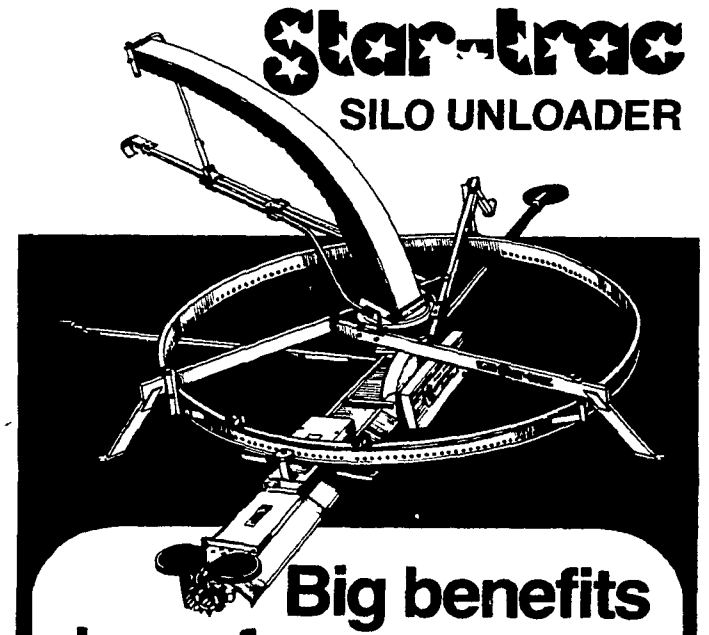

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City sprawl

(Continued from Page C24)

micro-climates, Gray said, "If you lose those places you're not going to grow oranges in Kansas."

Changing population patterns have increased the pressure on farmland. The nation has more, smaller families, and many of them are heading for a home in the country.

"Over 40 percent of housing constructed during the 1970s was built in rural areas," the study reported, adding that 12 million new households are expected in non-metropolitan areas between 1977 and 1995.

As people move farther from city centers, they take up more space.

Thomas J. Barlow of the Natural Resources Defense Council cited Minnesota's Twin Cities metropolitan region: the first million residents occupied about 180 square miles of land, but the second million took up an additional 550 square miles. When the area gets its third million, probably by 1990, they'll occupy an extra 1,600 square miles—almost 10 times as much land per capita as the first million. "The pattern applies to many cities," he said.

The arrival of new residents in rural areas can set off a chain of events. The need arises for government services such as sewer, water, police, and school. So does the value of the land, and often so do taxes. That can be decisive. As Mrs. Franklin said, "We are just taxed out of Fairfax County."

Other conflicts can arise, as Rawlins of the milk co-op noted. "People seeking the bucolic life and loveliness of the countryside will move right alongside a farm, and all of a sudden they'll discover there are odors they never had in the city," he said. Those people may file suit against the farmer or get local government to restrict farming practices.

As farms disappear from an area, so do farm equipment and supply stores. Remaining farmers may fall into what the agricultural lands study calls the "impermanence syndrome". Seeing the approach of urbanization, they figure there's no long-range future in their farms and they stop practicing soil conservation or making needed repairs.

Uncle Sam shares in the blame for the loss of farmlands, it seems. The NALS named about 90 federal programs "that contribute to the conversion of agricultural land," prime among them ones run by the Department of Housing and Urban Development, the Farmers Home Administration, and the Economic Development Administration. The study found that only two federal agencies—the Environmental Protection Agency and the USDA—have policies to consider the effect of their programs on farmland.

The study calls for a federal policy on agricultural lands, and says that the government shouldn't help pay for development of good farmland but should offer incentives such as lower interest rates to encourage development elsewhere.

Yet the protection of farmland is largely up to states and local governments, the NALS adds. Some steps already have been taken. Forty-eight states—all but Georgia and Kansas—offer some form of property tax relief for farmers. Sixteen have adopted "right-to-farm" legislation that protects farmers from nuisance lawsuits and from local ordinances restricting normal farm practices.

Other efforts to protect farmland include voluntary agricultural districts; agricultural zoning, adopted by Hawaii and 270 local governments; the purchase or transfer of development rights on farmland; and comprehensive management plans.

All these efforts cost money, of course—but not saving farmlands will cost even more, asserts Gray of the American Farmland Trust. "It costs the farmer more to produce on marginal land," he said. "He has to put more fertilizer on, and it's more difficult for drainage, so prices for food would have to be much higher or farmers couldn't stay in business. If people think they're paying a lot for food now, let them see what they'd be paying then."

Avoid summer food poisoning

PENN STATE — When your stomach does flip-flops and you think you have a virus, it's just possible that "virus" is food poisoning.

Food poisoning can happen anywhere — including your own kitchen. Each year more than 2 million cases of bacterial food poisoning occur in the United States.

Only when food spoils can we tell something is wrong, and many food poisoning bacteria don't change the taste, smell or looks of the food.

Extension food scientists at The Pennsylvania State University say that by following three basic rules you can control, stop, or destroy the bacteria that causes food poisoning:

—Keep hot food hot.
—Keep cold food cold.
—Keep food clean.

Keeping food hot means cooking food thoroughly, serving it promptly, and fully reheating stored foods. Keeping food clean means avoiding unsanitary practices that contaminate food.

Frozen food should be thawed, still fully wrapped, in the refrigerator or under cold water. Keep your refrigerator at 35 to 40°F and your freezer at 0°. Germs on food simply don't multiply very fast at those temperatures.

Always wash everything that comes in contact with uncooked or raw food with soap and water - including your hands.

When preparing meat or poultry salads, chill all the ingredients thoroughly. After mixing a salad, put it in shallow containers to remove the heat produced in preparation and to allow rapid chilling. Then refrigerate.

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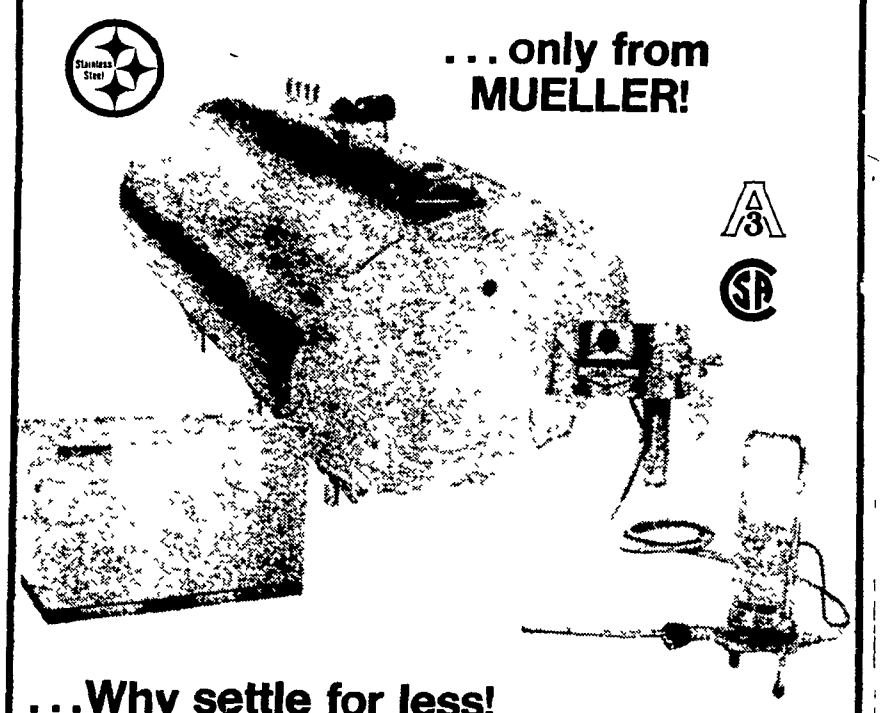

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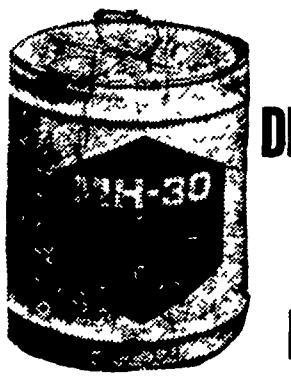

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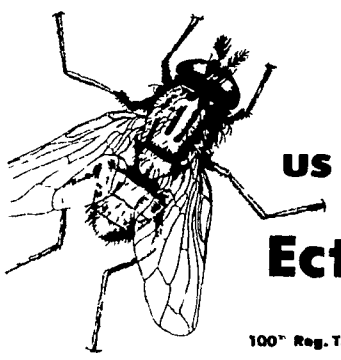

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Prepare vegetables for freezing

YORK — Choose vegetables suitable for freezing and the best varieties for freezing.

Vegetables should be harvested at their peak of maturity and prepared for freezing immediately, says A. Joan Lamberson, Extension home economist. Enzymatic changes continue after harvest, lowering the quality and nutritive value. If you can't freeze the vegetables immediately after harvest, refrigerate them for only short periods of time.

When preparing vegetables, wash a small quantity of the vegetables gently in several changes of cold water. Lift the vegetables out of the water each time so all dirt will settle to the bottom of the sink or pan.

Shell, husk or peel and trim. Some vegetables such as lima beans, corn-on-the-cob and asparagus require sorting for size since blanching times depend on the size of the pieces.

Blanch vegetables to stop enzymatic action and reduce deterioration in color, flavor and texture. This is not necessary for green peppers and mature onions. Most vegetables are blanched by heating them in boiling water for the time specified in modern freezing directions.

A blancher, consisting of a tall kettle, basket and cover, is convenient to use and can be bought at most department or farm supply stores. However, any large pan, which can be fitted with a wire or perforated metal basket and cover, is suitable.

To ensure adequate blanching, immerse a basket containing a small amount of the vegetable (about one pound) into a large amount of water (at least one gallon). Start timing once the vegetable has been immersed and the kettle is covered. Blanching time will vary with the vegetable and the size of the pieces, so follow the recommended blanching times for each vegetables.

Steam blanching vegetables will perform the same functions as water blanching and helps vegetables retain even better color, texture and nutrients. However, steam blanching consumes more energy and thereby increases costs.

Cool steam or water blanched vegetables by immersing them in a large quantity of cold or ice water. Rapid cooling is necessary to stop the food from cooking. Cool the vegetable for about the same length of time as it was heated. Once cooled, do not leave the vegetable standing in water, as loss of flavor and food value can occur. Drain the cooled vegetable thoroughly before packaging. A large colander is a useful tool for draining.

Protect horses from sleeping sickness

SHAWNEE, Ks. — The U.S. Department of Agriculture recommends all horses be vaccinated annually against Equine Encephalomyelitis (Sleeping Sickness).

This recommendation is emphasized by Dr. Ralph Knowles at USDA's Animal and Plant Health Inspection Service. He points out the recommendation includes vaccination against both Eastern and Western strains of the disease.

Although there is a trend toward routine annual vaccination, authorities say a reasonable estimate is that only 20 to 25 percent of the total U.S. horse population now receives this protection.

Dr. Knowles' advice to horse owners is wholeheartedly endorsed by Dr. Thomas E. Walton at USDA's Arthropod-Borne Animal Diseases Research Laboratory in Denver. Both call Equine Encephalomyelitis "an ever-present threat".

The probability of incidence of this disease in horses increases significantly where a large proportion of an area's horse population is not vaccinated against it. And, biting insects can carry the disease to humans.

Under the proper conditions, every horse, regardless of breed, age or sex, is susceptible. The ideal time for vaccinating is before the local mosquito season begins.

A key vector or carrier in the transmission cycle is the mosquito. Birds are the reservoir hosts. They introduce Equine Encephalomyelitis into an area via mosquitoes parasitic to birds. Then other mosquitoes transmit Sleeping Sickness from birds to horses or humans.

The build up and concentration of infected birds, combined with large numbers of mosquitoes, intensifies into explosive Encephalomyelitis incidence. Horses and humans are dead-end hosts.

Mosquitoes can thrive even in a dry climate if they can find standing water to breed in. In the Western U.S.. for example, irrigation canals and reservoirs provide a perfect base for mosquito propagation.

Once infected with Equine Encephalomyelitis, the horse exhibits various symptoms including fever, extreme nervousness, loss of appetite, depression and paralysis. Of the three principal strains of Sleeping Sickness — Eastern, Western and Venezuelan — the Eastern is most severe because it usually results in death in 90 percent of the cases. The Western form may leave horses brain-damaged after a prolonged course of illness, treatment and apparent recovery. The Venezuelan strain causes explosive outbreaks with high equine mortality. It does not exist in the U.S. at present.

Sleeping Sickness is a disease that affects the horse's brain and spinal cord. No antiviral treatment is available, and permanent damage may result if the horse survives. The only means of preventing Equine Encephalomyelitis is by vaccination. After the initial immunization, only an annual booster is needed.

Combination vaccines now available also allow the horse to receive protection against other major dangers at the same time it is vaccinated against Equine Encephalomyelitis. Tetanus Toxoid and Equine Influenza immunity are also available in combination with the Encephalomyelitis vaccine.

Tetanus is one of the most common and most serious horse health problems, with a death rate estimated at 85 percent. The spores of this organism are found everywhere in the soil, only waiting for an opportunity to enter the horse's system through a scratch or othe break in foot or hide.

A third disease that is not normally fatal, but harmful and preventable, is Equine Influenza. It is a highly contagious disease of the respiratory tract that causes coughing and nasal discharge. Usually three to six weeks are needed for full recovery. Occasionally a horse weakened by influenza is attacked by other diseases that can result in permanent lung damage or even death.

For more information on the prevention of Equine Encephalomyelitis and tetanus, horse owners should consult their veterinarians.

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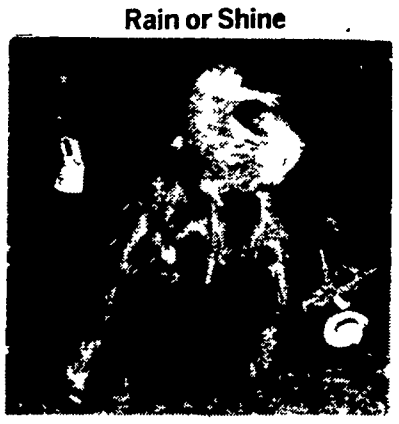

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World Weather Watch

Weather improves for Soviet spring grains

WASHINGTON, D.C. — Some showers and near-normal temperatures slowed the decline of spring grains in the European USSR, and cooler weather helped crops in the New Lands this past week, according to a weekly report issued last Tuesday by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture. Rains were heavy in parts of the United States and northern India.

Highlights of the report follow.

—**USSR.** In southeastern European USSR, showers and lower, near-normal temperatures slowed the decline of spring grain yields in areas that had been dry. Roughly half the dry areas received above-normal rainfall; in areas that remain dry, the lower temperatures diminished plant stress.

In the western Ukraine, above-normal rainfall made conditions unfavorably wet for maturing winter grains. In the eastern New Lands, lower temperatures reduced the amount of stress on spring grains from continued dry weather. The dryness poses the possibility of serious crop damage as the grain nears the heading stage.

—**United States.** Excess moisture in soft red winter wheat regions from Missouri to Ohio delayed harvesting and made sprouting likely. Beneficial showers dominated the weather over the eastern two-thirds of the nation, though a few areas experienced some flooding. Temperatures averaged 3-8 degrees Fahrenheit above normal in the western mountains, the eastern Great Lakes, and the northern Great Plains; about normal in the central U.S.; and 3-6 degrees below normal along the Gulf Coast in the Southwest.

—**India.** The monsoon advanced through northwestern India, nearly reaching the Pakistani border. There was some flooding in New Delhi as abundant rains fell across most of northern India. The Brahmaputra River and the tributaries of the Ganges are apparently in flood stage. Rainfall slackened in northern Gujarat, where cotton and soybean planting should be in progress.

—**Eastern Asia.** A slow-moving frontal system dumped heavy rains across the north during the weekend. The areas which benefited from rains included Japan, North and South Korea, and in China, the lower Manchurian Valley, Hebei, Inner Mongolia, and a broad band extending southwestward into the Sichuan Valley. The intense rains probably caused some erosion in the hills of China, but in general, the moisture benefited spring crops immensely.

—**Southeast Asia.** The remnants of typhoon Kelly produced heavy rain in parts of central Laos and extreme northern and eastern Thailand. Early-season corn should be approaching maturity in Thailand.

—**South America.** Rainfall was light throughout the major crop areas of Brazil and Argentina. Temperatures dropped below freezing in Argentina's wheat-growing region, sending the crop into a semi-dormant state. Wheat has advanced into the period of grain formation in northern crop areas of Brazil, while late wheat plantings near completion in the south.

—**Australia.** Rain fell in nearly all wheat areas during the week, with above-average amounts in eastern wheat-growing areas, normal amounts in most other crop areas. Conditions are apparently favorable for late sowing activities. Much of the wheat and barley should be in early vegetative growth and soil moisture supplies should be adequate for plant development in most all areas.

—**Canada.** Scattered, light showers produced about 15 mm of rainfall in the Prairie Provinces this past week, though southern Saskatchewan remained mostly dry. Hot weather pushed into the Prairies over the weekend. High temperatures, averaging 32-36 degrees Centigrade in southern crop areas, increased crop moisture demands as the wheat approaches its heading stage.

—**Europe.** Above normal rainfall occurred in some northwestern areas. The wetness was unfavorable for maturing winter grains, especially in West Germany, but clearer weather returned at the week's end. Clearing weather in the east permitted most wet areas to dry somewhat.

—**Mexico.** Rainfall was beneficial over the Northwest, while dryness in the Northeast favored grain harvesting but stressed non-irrigated citrus orchards. Most of the southern Plateau cornbelt received 10-45 mm of rainfall, helping the crop as it enters a high water use stage.

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NCA sponsors Young Cattleman's traveling leadership conference

DENVER, Colo. — The second annual Young Cattlemen's Traveling Leadership Conference, sponsored by the National Cattlemen's Assn. and its affiliated state and national breed organizations, was completed recently. The program is designed to assist in the development of future leaders of the beef cattle industry.

The 23 young cattlemen, selected by their sponsoring state cattle or breed organizations, traveled across the nation, from Denver to Washington, D.C. They were exposed to various aspects of the livestock industry.

Members of the group, all under age 40, began their tour in Denver, where they received an overview of the role of their national association from NCA President J.W. Swan, NCA Executive Vice President W.T. (Dub) Berry, and other NCA staff members. Swan told the group that more cattlemen must become interested in what happens to beef after it gets into processing and distribution channels.

Following that challenge, the group visited the headquarters and Dakota City processing facility of Iowa Beef Processors, Inc., near Sioux City, Iowa. The Dakota City processing facility is the largest in the nation—approximately 1.5 million head of cattle are processed annually.

IBP President Robert L. Peterson who told of change and progress in the meat business, challenged the young cattlemen to cut production costs on beef and give consumers what they want.

The group moved on to Chicago where they were hosted by officials of A.O. Smith Harvestore Products, Inc., a national associate member of NCA. Jim Lowmen, manager of marketing research, explained the Harvestore system concept and projected future growth trends in family-size automated feeding systems in the Midwest and High Plains. He suggested that, with high transportation costs and water availability problems, feeding advantages will lean to the Midwest, where roughages and high-moisture corn will be in good supply.

For a look at the marketing side of the cattle industry, the group visited the Chicago Mercantile Exchange, another NCA national associate. Ron Frost, CME vice president for agricultural marketing, suggested that a selective hedging program on the live cattle futures contract was one of the best ways to transfer risk in the marketing of cattle. The CME staff then conducted a hedgers' workshop, and the group viewed trading on the floor.

The young cattlemen then flew to Indianapolis, where they visited the headquarters of Eli Lilly & Co., parent company of Elanco Products Co., an NCA national associate member. Bob Howerton, vice president of marketing for animal products, introduced the group to the complicated process of researching, clearing and marketing a new animal health product. The cattlemen traveled to Lilly's Greenfield research farm, where they toured the toxicology labs and animal nutrition research areas.

NCA President-Elect Sam Washburn, who traveled with the group, ended the tour with a challenge to the young cattlemen to continue in their leadership development so that they might help the beef cattle industry meet the challenges that lie ahead.

Accompanying the young cattlemen on the tour, in addition to Washburn, were NCA Executive Vice President, W.T. Berry; R.A. Brown, Jr., Tex., vice chairman of NCA's Young Cattlemen's Council; and NCA staffer Ron Francis.

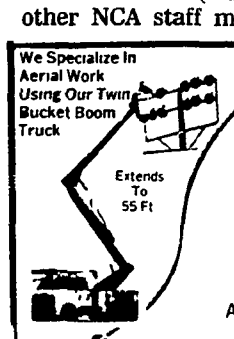
York Hereford breeder participates in New England Assoc.'s field day

SHERBORN, Mass. — A fitting and showing demonstration was presented to more than 200 Hereford breeders during the New England Hereford Association's field day, held here at Millborn Farm recently. Sharing his skills with the group was Terry Shearer of Pigeon Hills Farm, Abbottstown, York County, with the assistance of Ed Brown of Berryville, Va.

B C (Bud) Snidow, American Hereford Association's assistant secretary, presented an informative talk on the past 100 years of Herefords and expectations for the future. LeAnn Simon, AJHA treasurer from Tolstoy, S.D., addressed the crowd on how youth need to approach the new economic procedures that now face them.

Dr. Tim Dennis, a practicing veterinarian and Hereford breeder from Penn Yan, N.Y., presented an informative talk on herd health and what health practices need to be followed.

Milborn Farm is owned by Dr. and Mrs. John Constable and managed by John Hill.



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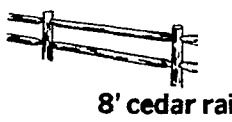
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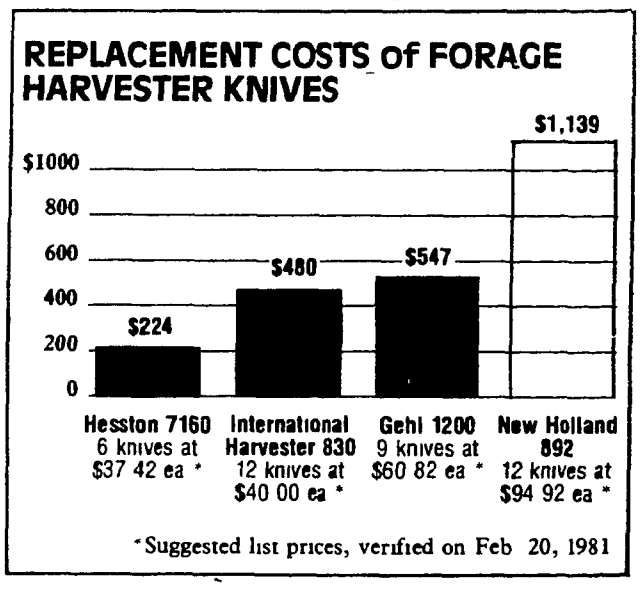
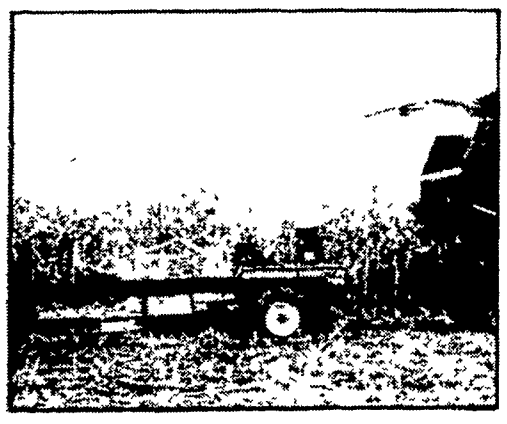


*Suggested list prices, verified on Feb 20, 1981



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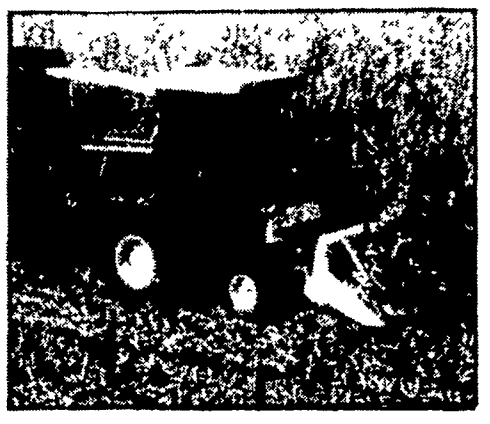

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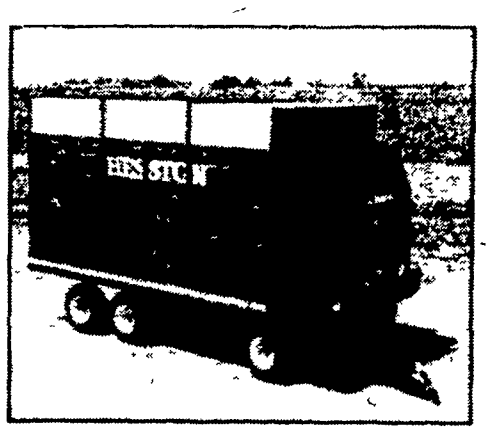

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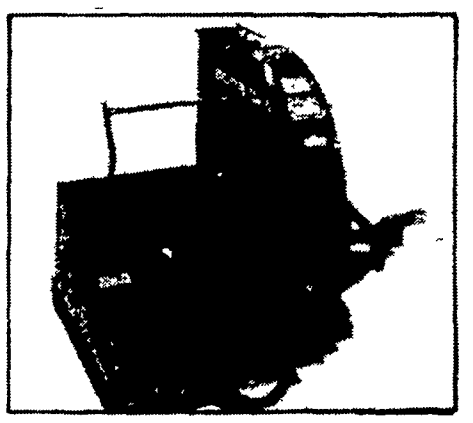

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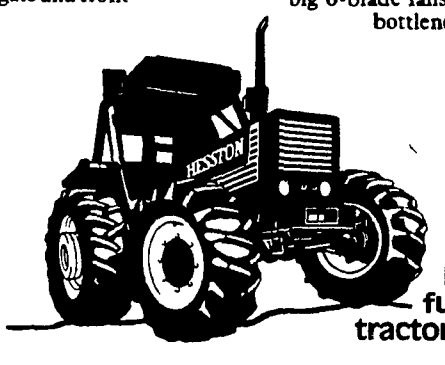

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HESSTON The PRIME LINE

Lebanon dairy couple earns Colorado trip

LEBANON — In two weeks, while most farmers log a few miles in a tractor seat, a young Lebanon couple will be west of the Rockies, relaxing and learning about cooperatives.

Gary and Barbara Lentz, Agway representatives, will be attending the American Institute of Cooperation annual summer conference at Colorado State University, Fort Collins, July 27-30.

The young couple, both from dairy backgrounds, began farming about a year ago. They are presently renting a 300-acre farm owned by Ed Funck of Lebanon County. Although Gary admits he would someday like to own his own farm he is pleased with their current arrangement which enables him to work with Funck, an experienced dairyman.

While Funck provides the feed and facilities, Gary and Barabara own their herd of 40 registered Holsteins.

Before they married last year, Gary owned 15 cows and Barbara had four cows of her own. In addition to that foundation, they purchased about 20 more head from local breeders.

The herd is fed high moisture corn, alfalfa haylage and about five to six pounds of hay per head per day.

Gary completed a breeding course with an A.I. stud and now breeds all his animals.

In addition to her part time job, Barbara is also active on the farm and helps out when she can.

The AIC, an association of farmer cooperatives organized in 1925, conducts educational pograms to promote a better understanding of cooperatives among members and the public.

This year, the conference's theme is "Cooperative Challenges and Changes."

Lebanon's Gary and Barbara Lentz look forward to learning more about co-ops at the American Institute of Cooperation summer program at Colorado State University, July 27-30.

Md. Extension reorganizes districts

COLLEGE PARK, Md. — The University of Maryland's Cooperative Extension Service has recently made alterations in its middle-management organizational structure to better serve residents of the state.

Included in the "new look" is realignment of some organizational boundary lines in order to concentrate the state's major metropolitan areas into one district for supervisory purposes. The changes became effective on July 1.

This means Maryland's "golden buckle," stretching from the Chesapeake Bay to the Potomac River, is now a single unit for planning purposes, notes Craig S. Oliver, director of the statewide Cooperative Extension Service.

The "buckle" encompasses Baltimore and the Annapolis area, plus the Maryland suburbs of Washington, D.C. Counties in this newly organized metropolitan district include Anne Arundel, Montgomery, Prince Georges, Calvert, Charles and St. Marys.

Supervisor for the new metropolitan district is Illa D. Harris, a professional Extension worker in Maryland since 1978 and a resident of the Hillandale area in Silver Spring (Montgomery County). Harris previously had been an Extension supervisor on Maryland's lower Eastern Shore. This district includes Caroline, Talbot, Dorchester, Wicomico, Worcester and Somerset counties.

Succeeding Harris on the lower Eastern Shore is David D. Eigonbrode of Fulton (Howard County). He has been a state Extension supervisor since 1968. During the past 4 years, he supervised activities of Extension agents in the Upper Bay area, which encompasses Carroll, Baltimore, Harford, Cecil, Kent and Queen Annes counties.

The new supervisor in Eigonbrode's old territory is Betty L. Bures of Braddock Heights (Frederick County). Bures has been an Extension supervisor in Maryland for 2 years.

Bobby G. Busbice of Lanham (Prince Georges County) has assumed supervisory responsibilities for activities of the Cooperative Extension Service in western Maryland--the area previously served by Mrs. Bures. Since 1977, he had been the supervisor for southern Maryland. His new territory includes Allegany, Garrett, Washington, Frederick and Howard Counties.

High producers live longer

UNIVERSITY PARK — How long a dairy cow lives depends on her owner's willingness to let her live—rather than on her ability to survive, says Lawrence W. Specht, extension dairy specialist at Penn State.

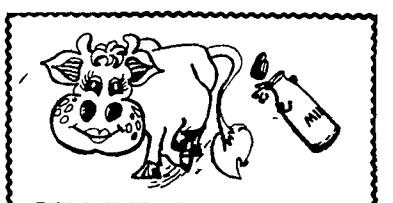
The decision on whether to keep an individual animal or not depends on the amount of milk she gives and the way her temperament fits into an efficient dairy operation.

The heifer that stays in the herd will—more often than not—be the daughter of a good production sire, explains Specht. Research workers find that the average number of lactations completed by the daughters of a sire is a good indicator of the breeding value of a bull.

One study showed that 45% of the daughters of good bulls were still in the herds after five lactations, while only 20% of the heifers from poor bulls were still milking after five lactations.

It's often implied that a bull whose first lactation daughters aren't doing well should be excused because his pedigree shows promise of "longevity." While you can find exceptions that prove any point, the fact remains that research work indicates that the better milking heifers stay in herds longer than their less productive mates, Specht points out.

This is a consequence of "longevity" being primarily a function of the dairymen's management decisions when animals are culled, rather than one of the animal's ability to survive, he adds.



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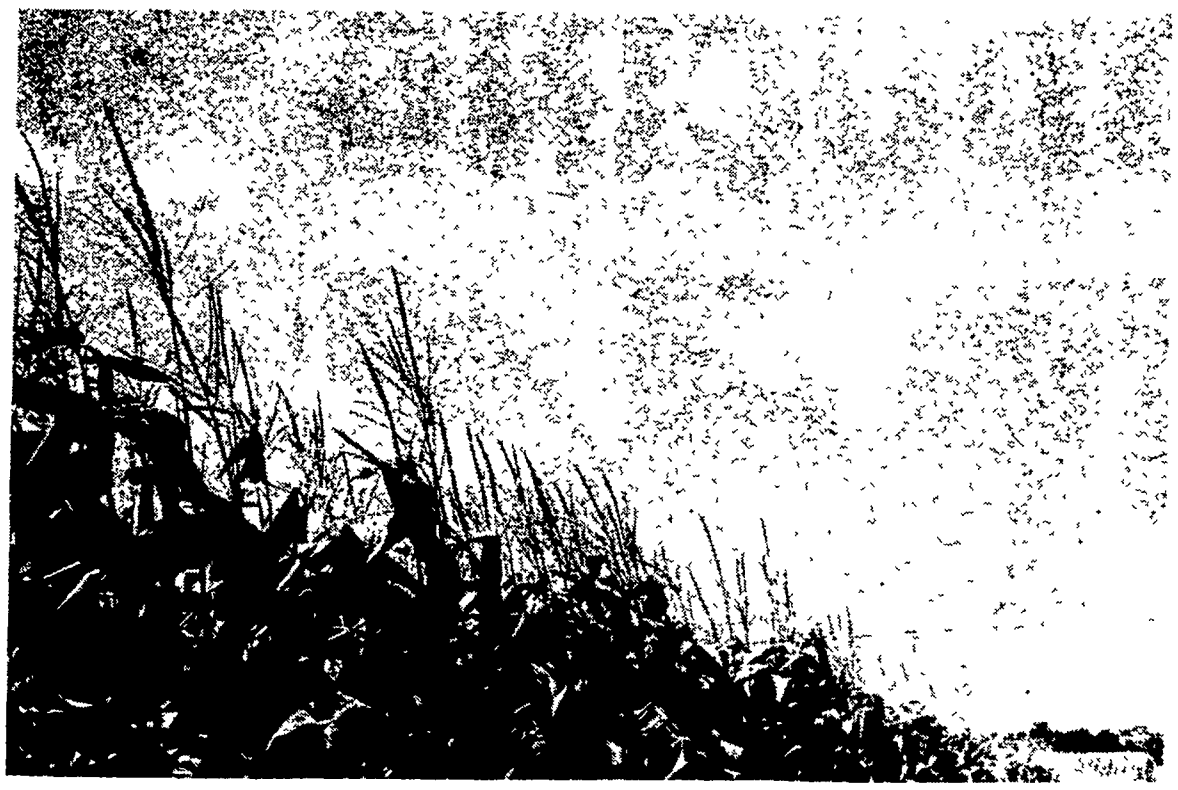
Man & nature paint pastoral patterns



LANCASTER COUNTY — It's the heart of the busy season for fieldwork

Cutting, picking, harvesting, baling or topping leave little time to appreciate the intrinsic beauty formed both by man and nature in harvested fields and those still growing.

And working out in the fields' midst, it's also sometimes hard to see the forest for the trees.

Stretching to its highest growth levels in many a year and already tasseled, corn reaches toward the puffy clouded sky.

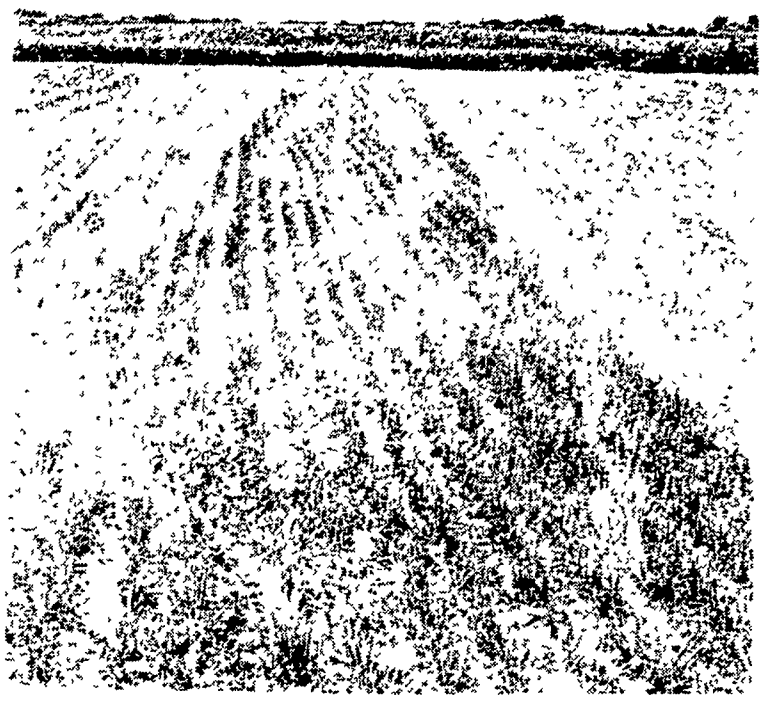
In some fields the tasseled skyline is unbroken and stretches off toward the horizon. Elsewhere, floating above the sea of undulating green are manmade forms, such as a windmill, spinning squeakily in the breeze, or the rounded dome of a silo.

Closeup, the shaved face of a wheat field resembles a huge upsidedown broom.

In another field, heavy implements have left their marks with tracks baked in the hard ground by a dry spell that has followed the recent heavy rains.

And crisscrossing yet another field are the shadowy trails left by the harvesting machines.

Thus man and nature not only combine efforts to bring forth the fruits of the farm fields, but they cooperate also to produce some interesting pastoral patterns across the bountiful countryside.



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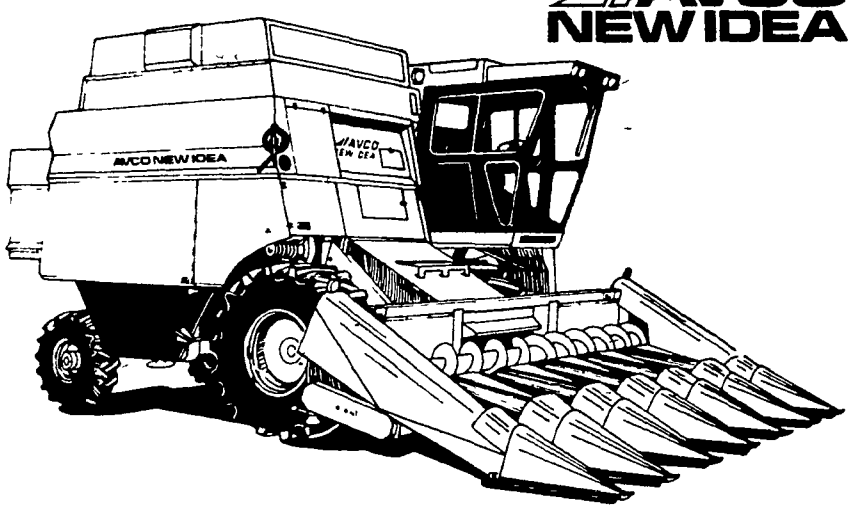

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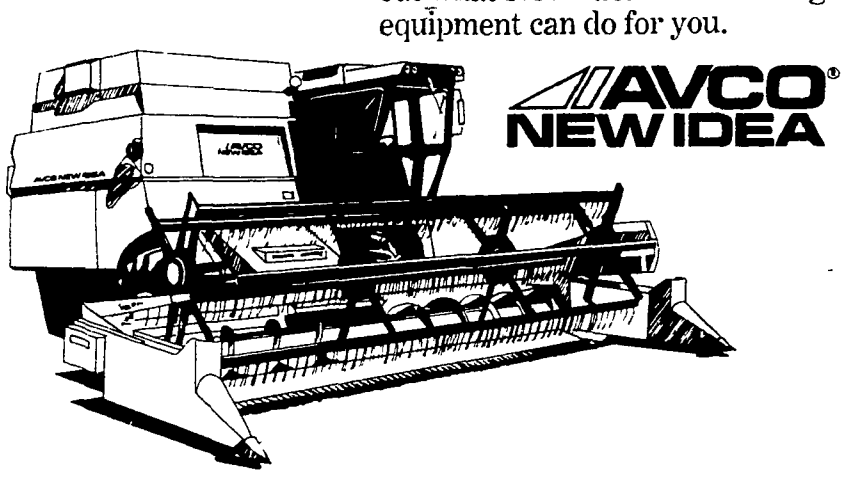

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Farm Talk

Jerry Webb

Getting along with nonfarm neighbors

Farmers are doing some truly innovative things to try to get along with their nonfarm neighbors. As more and more city folk seek the good life in rural America, farmers have been forced to make adjustments.

Some have tried standing their ground, literally, by saying, "We were here first and we intend to farm the way we always farmed." To their chagrin, many of these chaps have been told by the courts that it just isn't so.

There are certain rights that farmers have, but more and more they're finding that nonfarm rural residents have rights also. And they also have the know-how and political power to cause some real problems. There have been instances in nearby states where farming operations have actually been closed down by complaining neighbors, armed with proper court injunctions.

Granted, those are extreme cases, but they do happen. And when they do it clouds all of agriculture, leaving farmers to wonder if they do in fact have the right to farm.

In Pennsylvania, farm organizations have pushed a right-to-farm bill through the state legislature that says any farmer who has been farming a piece of ground for at least three years can continue as long as he isn't actually endangering anyone's health or breaking any other laws. The real intent of the bill is to stop the nuisance kinds of legal actions that continue to harass farmers.

Some Pennsylvania farmers with their backs to the wall have had to come up with some fairly creative solutions to their farm nuisance problems. Perhaps the most creative comes from a Lancaster County farmer who was in trouble for spreading manure. This is a true story told to me firsthand recently at a Farm-City Seminar in Harrisburg

It seems this Pennsylvania Dutch gentleman had been operating a dairy farm for years. Recently he got the opportunity to buy a neighboring farm, but he only wanted the land so he let someone else purchase an old farmhouse on the property.

As luck would have it, some city dwellers came out and bought the house, fixed it up, and then set about changing the agricultural practices of the neighborhood They objected to the manure handling mess so strongly that the wife got herself elected to the township planning commission and then launched a one person campaign to stop the farmer from spreading manure on the ground that surrounded her home.

She was about to succeed with her effort when the farmer hit upon a plan. It seems that the township was authorized one trailer park in its zoning plans, and at that point there were none. So the farmer contacted his lawyer and an engineer, and they drew up plans for a trailer park on the land surrounding that nice lady's [illegible]

Then at the proper township meeting, the lawyer asked a few questions and was assured that indeed the township was allowed to have a trailer park. That's when he started unrolling his blueprints. There it was for everyone to see A nice big mobile home park, complete with streets, sewers, and places for lots and lots of those movable dwellings. And right in the middle, that lovely rural residence

The commission had no choice but to approve the plan, but you can bet the lady wasted no time meeting with the farmer to discuss his intentions and to assure him that she would much rather have him spreading manure around her property than installing mobile homes

So they compromised. He moved in one mobile home for one of his farm workers and the rural residents stopped worrying about his manure handling techniques. We can only assume that they will all live happily ever after in that thriving farm community.

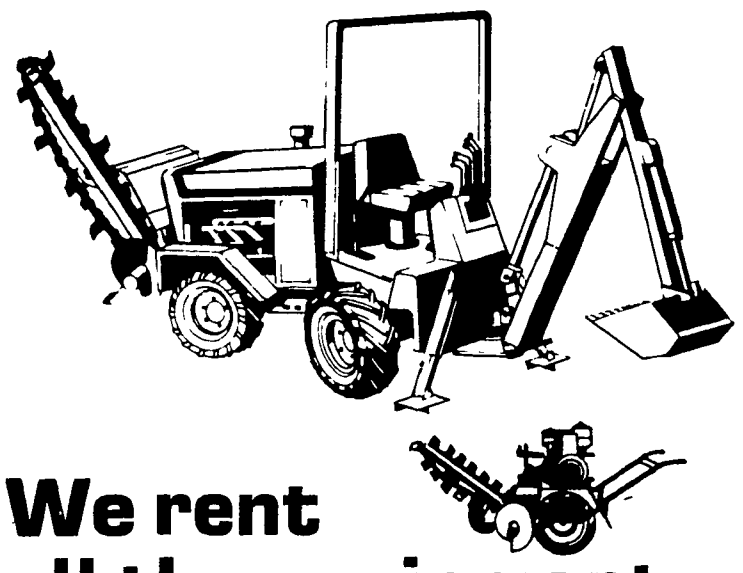
Not every farmer can solve his farm-city problems in such a creative way. But there are other things that can be done For example, the Morrison Pork Unit in Salina, Kansas, uses personal contacts with its urban neighbors to promote better understanding This operation, which markets 36,000 hogs a year, conducts guided tours for city folks who are curious about what's going on School groups are especially welcomed and seem to appreciate this look at modern agriculture.

A Delavan, Illinois farmer operates right next door to the city park and so to keep his neighbors pleased with his 800-acre corn and hog farm, he worries about things like wind direction when he's spreading manure and he works around major events going on in the park. Most of the manure is knifed into the soil, but in the winter when the ground is frozen and this can't be done, he spreads a on fields fartherest away from town And on an even more positive note, during special holidays he hands out packages of whole hog sausage, and even plants sweet corn for people who don't have garden space.

In all of these instances it might have been easier for the farmers to simply insist that they were there first and that if the city folk don't like it, they could move. After all, these are strong agricultural areas where such farming operations are traditional and anybody living near them should expect such nuisances. But that's just begging for trouble.

Any farmer with the least bit of thoughtfulness knows that a family reunion in the city park won't benefit from a light mist of liquid manure. And he should also know that a community that gets mad enough can generate a lot of wrath when it's aimed at a farmer who's causing problems.

Right-to-farm legislation is on the books in many states, but it seems to me far better to solve rural-urban problems in other ways. No doubt some farmers need to clean up their acts; and some urbanites need to realize that, if they're going to live in the country, it won't be the same as downtown. There should be give and taken on both sides and there's surely room for both farm and nonfarm folks in rural America.



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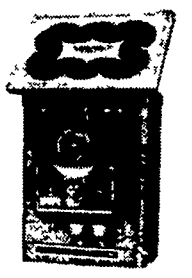

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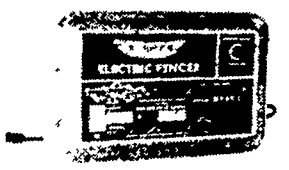

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Consider wheat, barley for 'least cost' swine rations

NEWARK, Del. — Swine producers have several feed options now that new crop wheat and barley are available. Either one of these small grains can be substituted for corn.

Putting together some of these cheaper energy sources can present problems, though, says University of Delaware extension livestock specialist Richard Fowler. Rations must be flexible to allow substitutions when prices favor using another grain.

"Price isn't the only factor to consider when making a substitution," says Fowler. "A palatable and economical energy source can be supplemented to correct nutrient deficiencies. But even when properly supplemented, it must be acceptable to the pig or poor performance will cancel out its lower cost."

Nutritionally, barley is about 85 percent as valuable as corn in swine rations. Barley contains about 7.5 percent fiber, corn has 2.5 percent. Its fiber content reduces barley's value compared to corn. Low test weights can further decrease its value. A bushel of barley should weigh 48 pounds. Lower weights indicate higher fiber density and lower feed value for the pig.

Feed composition tables describe barley as having 11.7 percent crude protein. Most barley is lower than that, ranging between 9 and 10 percent protein, Fowler reports.

"Don't use all barley in starter diets," recommends Fowler. "Limit its use to 25 percent of the complete ration for pigs up to 50 pounds. Levels can go to 80 percent of the total ration for all other classes of pigs.

"Barley meal rations result in lower intake—especially for lactating sows during hot weather. Consider using 40 percent barley and 60 percent corn during such times.

"Barley should be ground through a 3/16 inch screen to reduce separation of hulls from meal. If corn and barley are fed together, grind the corn through a 3/8 inch screen. Then the pigs can't separate the grains.

"One of the most effective ways to feed barley is in a pelleted form. Pelleting improves fiber digestibility and eliminates the possibility of pigs sorting out hulls."

Recent University of Georgia research compared the performance of pigs from 47 pounds to 220 pounds on three rations—ground corn, one-half ground corn and one-half ground barley, and ground barley. All diets were equal in protein.

Average daily gain was 1.94, 1.96, and 1.78 pounds, respectively. Feed gain ratio was 3.05, 3.22, and 3.59 pounds, respectively. Thus, pigs fed the diet in which barley was the only grain source gained weight slower and required more feed per unit of gain than did those fed diets with all corn or one-half corn and one-half barley as the grain source.

Researchers concluded the 45 pound per bushel barley used in this experiment was worth 85 percent of the value of a bushel of corn.

To find out whether it will pay to substitute barley for corn in a hog ration, calculate the price of a pound of each grain. Do this by dividing pounds per bushel into the price of a bushel of each. (Figure 48 pounds per bushel of barley, 56 pounds for the corn.) Divide the cost of a pound of barley by .85 to determine its value relative to a pound of corn.)

"The point to remember is that barley is often priced competitively with corn and when mixed with corn in a 1:1 ratio gives performance almost equivalent to an all corn diet," says the specialist.

Wheat is another energy source to consider, he suggests. It equals or exceeds the energy value of corn. At wheat harvest time, least cost swine diets will often include this grain.

Research from the Georgia Coastal Plain Experiment Station provides some ideas on preparing wheat for swine. Four different diets were offered in a cafeteria-style arrangement. The diets consisted of: crushed wheat which had been run through a roller mill and coarsely crushed; ground wheat; equal parts ground wheat and ground corn; and ground corn. The ground grains were passed through a 3/8 inch screen on a hammermill.

Pigs consumed three times more of the crushed wheat diet than any of the others. Growth trials comparing the four diets showed average daily gains of 1.80, 1.75, 1.78, and 1.79 pounds, respectively. Feed grain ratios were 2.94, 3.20, 3.25, and 3.19 pounds, respectively.

Wheat is equal to corn as an energy source for swine. But take care not to grind it too fine," Fowler notes.

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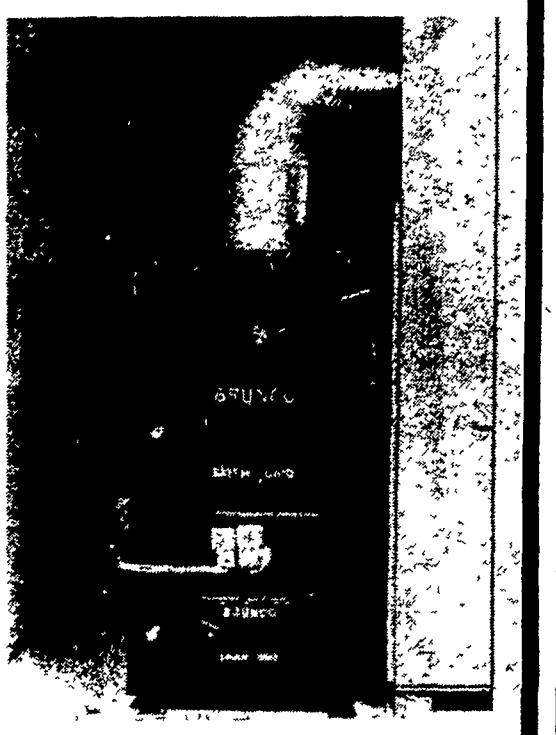

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Md. Experiment Station hires writer

COLLEGE PARK, Md. — Robert E. (Skip) Myers Jr., 30, has joined the staff of the University of Maryland Agricultural Experiment Station as science writer.

In this position, Myers will work with university scientists, faculty and staff to develop and write material about MAES's ongoing agricultural research programs. In addition, he will be responsible for writing MAES's annual report.

Myers, a native of Hagerstown, Md., and a graduate of the University's College of Journalism (B.S., 1976), is a former newspaper reporter, the former manager of corporate communications for a major California airline, and a freelance writer.

He is married and lives in Annapolis.

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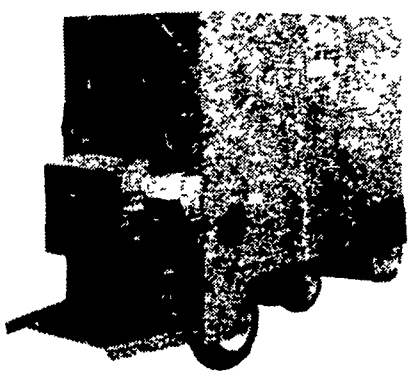

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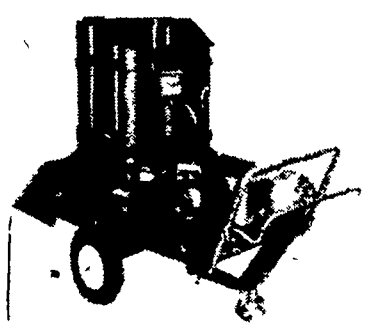

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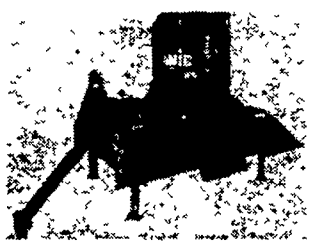

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More Del. farmers try no-till

NEWARK, Dela. — There's been a significant increase in no-till corn acreage throughout Delaware this year.

Nearly 30-35 percent of the state's approximately 190,000-acre corn crop was planted without cultivation this spring, estimates University of Delaware Extension crops specialist Frank Webb. This is up from about 10 percent last year.

The rapid shift to this method of farming is the result of a number of things, says Webb–for one, the performance of no-till corn on neighboring farms in 1980.

"Last year was extremely dry and many no-tillage plots yielded significantly better than conventionally grown corn. This impressed farmers," Webb observes.

Besides reducing moisture stress, no-till has other advantages as a time and labor saver. The technique uses less fuel by reducing the number of passages over a field, so it has definite cost benefits.

"All these factors considered," he says, "I think farmers were in a frame of mind to want to try the new production system."

No-till isn't exactly new. It's been around Delaware since the early 1970's. But it wasn't until after Extension specialists put together what they call their no-till corn "recipe" around 1977 that the system started to catch hold on local farms.

Overall, Webb says he thinks this year's no-till corn plantings have been successful. In most instances, farmers new to the technique apparently followed recommended procedures fairly closely.

"When the crops came up this year, most of the no-till plantings were more uniform and had fewer problems than many of the conventional ones," he says.

This doesn't 'mean no-till was entirely without problems, however. Where Webb did see poor stands, they were often associated with low soil temperatures.

During the normal corn planting period for Delaware this spring, the weather was unusually cool. Because the ground wasn't worked up, the soil in no-till plantings stayed considerably colder than that on plowed land. Under this stress, some corn seed had trouble germinating.

"It certainly showed up the difference in emergence vigor of different hybrids," says Webb. Conventionally planted corn had similar problems, but not to the same degree.

Even so, most no-till stands around the state look extremely good right now, he says. A few fields are showing signs of nitrogen deficiency–apparently because some farmers new to no-till misunderstood instructions they received regarding application of 30-percent liquid nitrogen.

"We advise growers not to apply liquid N with the herbicide to be sprayed on the no-till surface either before or just after planting," he explains. "I think some farmers misinterpreted this advice when it came to the later side-dressed application that's recommended especially for no-till corn.

"Then, 30-percent liquid N can be dribbled–not sprayed–on the soil surface in a band between the rows. Many farmers want to knife this in," he notes, "but there's no research data to indicate you'll get any greater N efficiency by knifing it in than you will from dribbling it on.

"At present," he says, "we see no real advantage to knifing N solution into the soil. It's much more expensive to do it that way because of the knives that are needed on the applicators. It's also slower."

As the season progresses, Webb says farmers with no-till corn should keep an eye open for any grass breakthrough problems in their fields. These problems can be handled quite effectively with post-directed sprays of Evik or Lorox. Both materials must be applied with surfactants, but they're effective in controlling escaped grasses in corn. Any broad-leaf weed problems can be handled with applications of Banvel or 2,4-D Be sure to follow label directions carefully.

"Other than that, we can just hope for ample rainfall to carry the crop through to harvest," says Webb. "I expect everyone to keep close tabs on all this no-till corn, so we should be able to get a general idea of farmer acceptance at the end of the growing season. That will tell us what to expect in the future in terms of no-till corn acreage in Delaware."

Delaware holds irrigation field days

NEWARK, Del. — The function of an irrigation system is to apply water uniformly and at a rate less than the soil's intake rate so there is no runoff. This seems straightforward enough, but rarely is perfect distribution uniformity achieved.

The uniformity and application rates on continuously moving sprinklers are affected by nozzle size; spacing, pressure, and travel speed as well as wind and evaporation.

Farmers can learn some easy methods of evaluating their own center pivot irrigation systems for distribution uniformity, application rate and depth at the irrigation field days that will be held in all three Delaware counties this month.

On Tuesday, July 21, there will be a demonstration at Manning and Louis O'Neal's farm, which is located 2½ miles east of Laurel on Road 466 (Sycamore Road). The O'Neals have a 5 tower low pressure Valley with corner systems.

On Wednesday, July 22, the second demonstration will be held at Francis Winkler's farm, located 1½ miles north of Harrington on U.S. Route 13. Winkler has an 11 tower Reinke Alumigator high pressure center pivot system.

The third and final demonstration will be held on Thursday, July 23, at Don Isaac's farm, located on Route 446 one mile southeast of Middletown. Isaacs has a 5 tower towable low pressure zimmatic system.

All three field meetings will begin at 6:30 p.m. and will conclude by 9 p.m., rain or shine. Other subjects to be discussed include soil moisture holding capacity, irrigation scheduling, and use of tensiometers. Engineers and agronomists will be available to discuss other topics of interest.

The irrigation field days are sponsored by the Cooperative Extension Service at the University of Delaware, the Soil Conservation Service, and local irrigation dealers.

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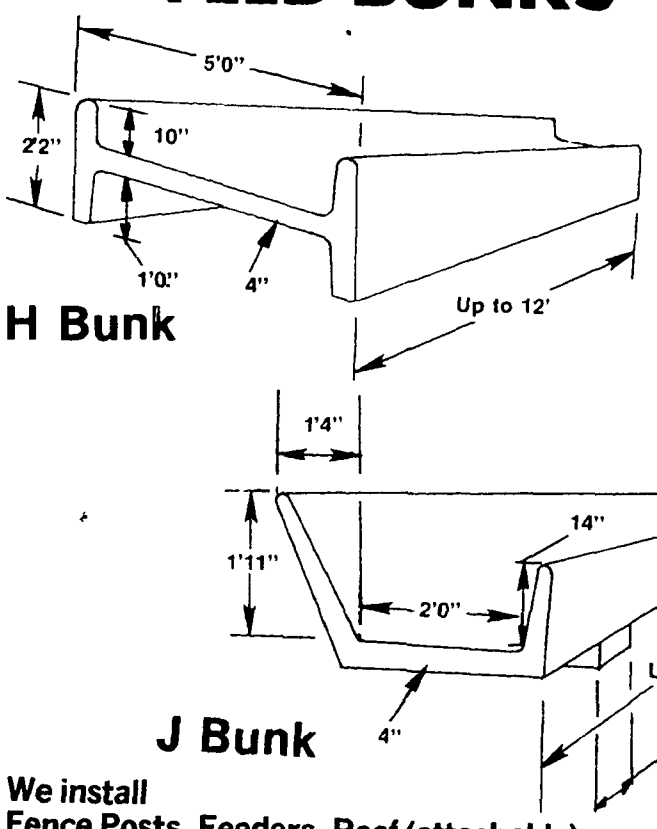

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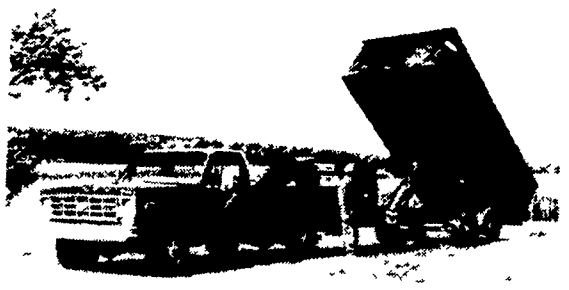
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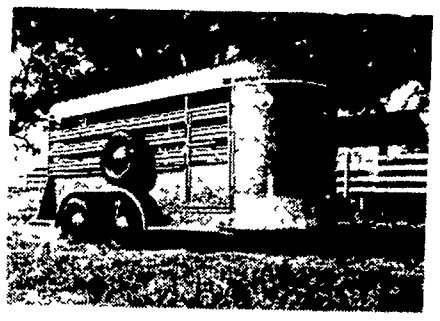
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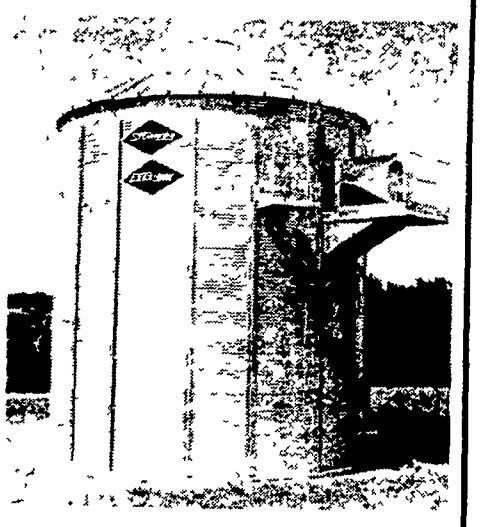
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Scientists link cattle cancer eye to solar activity

AMES, Ia. — If changes in the ozone layer surrounding the earth should increase ultraviolet radiation, more cases of cancer eye in susceptible cattle and more severe episodes of the disease could be expected.

Research here at the National Animal Disease Center supporting this conclusion also strengthens the belief of scientists that exposure of such cattle to ultraviolet-beta radiation may induce the disease, also known as bovine ocular squamous carcinoma or epithelioma.

A team of Science and Education Administration scientists produced anatomic changes and lesions typical of early cancer eye in susceptible cattle by exposing the cattle to controlled doses of ultraviolet-beta radiation from sun lamps.

The researchers also suggest an association between solar activity and numbers of cattle condemned because of cancer eye at USDA-inspected slaughter plants between 1950 and 1976.

Cancer eye has been reported in almost every breed of cattle, but most frequently in Herefords. Within the Hereford breed, cattle lacking any pigment around and in the eye — a genetically controlled trait — are most susceptible.

Herefords lacking pigment around the eyes, from a line with a history of cancer eye, were used in the study by veterinary medical officers Kenneth E. Kopecky, George W. Pugh, Jr., David E. Hughes, and Norman F. Cheville, and statistician Gordon D. Booth.

For 22 months, first for 7 minutes daily and then for periods gradually increasing to 180 minutes daily, the cattle were stanchioned facing ultraviolet-beta radiation from FS-40 lamps. During the total exposure of 1,500 hours, the lamps were filtered to absorb wavelengths below 285 nanometers, so that the radiation resembled natural ultraviolet-beta radiation.

Three of the four animals exposed to ultraviolet radiation developed lesions typical of early stages of cancer eye. The fourth animal had deep-set eyes under a prominent crest, which apparently protected its eyes. The scientists ruled out pinkeye and cytopathic herpesvirus infection as probable causes of damage to the animals' eyes.

A 1950-76 survey of condemnations for cancer eye by federal meat inspectors also shows indirect evidence linking cattle exposure to ultraviolet-beta radiation with development of this disease, according to Kopecky.

Taking into account the annual increase in number of cattle slaughtered, the researchers found that the percentage of annual condemnations for cancer eye doubled over the 16-year period. Greater awareness of the disease by inspectors of what is now USDA's Food Quality and Safety Service may have been a factor in this increase. But Kopecky believes the incidence of the disease also rose.

The researchers plotted annual condemnations, adjusted for numbers slaughtered, on a graph. Then they plotted solar activity — shifting solar activity forward 5 years on the graph to account for apparent delay in development of cancer eye after exposure. Annual cancer eye condemnations and annual solar activity both peaked on the graph near the same times — about 1960-62 and again about 1970-74.

The Environmental Protection Agency partially funded this study.

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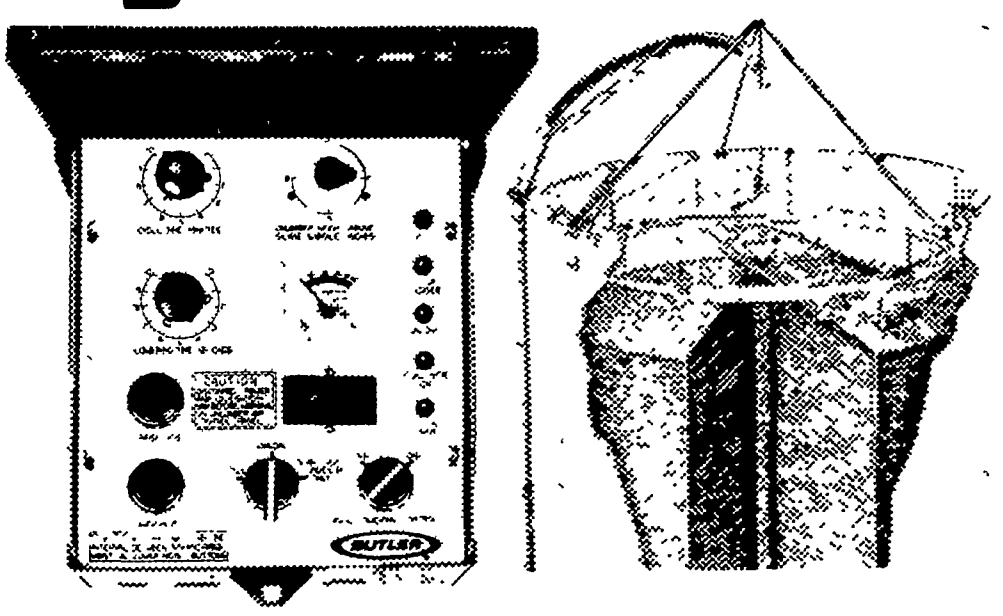

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USDA-sponsored Pakistan studies may reduce fertilizer needs in U.S.

WASHINGTON, D.C. — Research sponsored by the U.S. Department of Agriculture in Pakistan may save the U.S. farmer money in the future by developing plants that generate their own fertilizer.

Quentin M. West, director of USDA's Office of International Cooperation, said the energy crisis and the consequent increase in the cost of fertilizers has stimulated a growing interest in research applications of biological nitrogen fixation by plants.

West said some plants may be able to generate part of their own requirements by fixing nitrogen — an essential element for plant growth — from the air into the soil. He said while the nitrogen-fixing role of leguminous plants such as clover and alfalfa has been well established in agriculture, "we still have a lot to learn about nitrogen-fixing non-leguminous plants."

Nonleguminous plants range in size from herbaceuus plants and shrubs to trees, such as the alder

West said under a five-year, $95,800 grant, researchers at Quaid-i-Azam University in Pakistan will study certain non-leguminous plants in their country which fix nitrogen in the soil through nodules on their roots. The research will explore the potential use of plants with nodulated nonlegumes in reforestation and soil conservation activities under soil conditions where agriculture is now difficult, he said.

One important future application of the research could be in the revegetation of strip-mined land, West said. Possible application of fruit and other forest trees and to improve growth and development of other plants will also be explored.

Of the 15 major known subdivisions of non-leguminous plants which fix nitrogen in the soil, five are located in Pakistan, West said Areas of Pakistan which have not as yet been surveyed for the plants will also be examined under the grant.

Ashraf Hasan Chaudhary, associate professor in the Department of Biological Science at Quad-i-Azam University, is the principal investigator in the study. Edward Hacskaylo of the U.S. Forest Service will serve as the USDA cooperating scientist who will oversee the project. Hacskaylo is stationed at the USDA Agricultural Research Center in Beltsville, Md.

The grant will be paid for in the currency of Pakistan, under the special foreign currency research program of U.S. Public Law 480. This program provides for the use of U.S.-owned currencies in a foreign country which cannot be converted into dollars, but which may be used for scientific research which will benefit U.S. agriculture and the American consumer.

Edith Chenault joins Charolais staff

HOUSTON, Tx. — Edith A. Chenault has been appointed director of communications for the American-International Charolais Association, here.

A May, 1978 graduate of Texas A&M University, she has a B.S. degree in agricultural journalism. She is the daughter of Mr. and Mrs. John A. Chenault of Cut and Shoot, Tx.

During college, Chenault worked as a copy editor and writer for "The Battalion", Texas A&M's student newspaper. She was also a correspondent writer for "The Bryan Eagle". She was a member of Sigma Delta Chi (the Society of Professional Journalists) and the Agricultural Communicators of Tomorrow.

After graduation from college, she was news editor at "The Llano News" in Llano, Tx., where she worked for three years. While there, she was reporter, photographer, and editor, covering community events as well as developing feature stories on personalities and human interest subjects. Since Llano County is primarily ranching-oriented, she spent a great deal of time covering agriculturally-related events.

Having been raised on a farm and being around cattle for most of her life gave her the interest in majoring in agriculture when entering college. While in college she took subjects which dealt with agriculture, as well as journalism, including agricultural law and agricultural policy, basic animal science, animal reproduction, and heredity. In 1977 she was named a Distinguished Student at Texas A&M.

As Director of Communications for AICA, Chenault will be responsible for the information and public relations programs of the Association. This includes responsibility for conducting and implementing publicity and promotional programs, newsletters, the development of promotional literature and preparing items for use by the "Charolais Journal", as well as supplying promotional information for use by members and AICA affiliate organizations.

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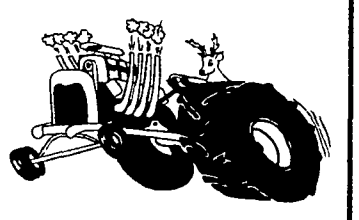

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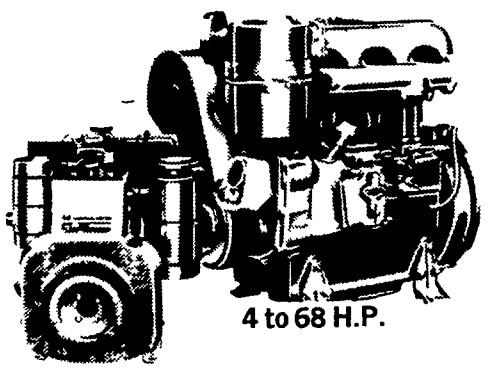

4 to 68 H.P.

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Less Downtime Than Gas Engines

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Pseudorabies hangs on, causes cattle deaths

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Premium list for Eastern National now available

TIMONIUM, Md. — Entry blanks and premium lists are now available for the 35th Annual Eastern National Livestock Show to be held at the Maryland State Fair Grounds here October 2-11.

The entry deadline is August 15, according to John Wildesen, show manager, who added entries received after that date and until September 26 will be charged a double fee. No entries will be taken after September 26.

More than $50,000 in premiums will be paid to winning livestock exhibitors by the Eastern National and breed associations.

Wildesen said there will be judging classes for eight breeds of cattle, two more than in previous years. The new beef breed classes will be Limousin and Chianina. Other beef judging shows will be Angus, Hereford, Polled Hereford, Charolais, Shorthorn and Simmental.

Ten major breeds of sheep will be shown and judged by Richard Smith, of Ohio State University. More than 50 hogs which have been on a feed test since last June also will be evaluated live before they are carcass evaluated by swine experts from the University of Maryland.

More than 500 4-H Club and FFA steers, breeding heifers, market lambs and market hogs also are expected from a fifteen state area.

Wildesen said some 600 participants are expected to enter the six national horse, dairy and livestock judging contests

For more information on entries, premiums and show schedule, write to the Eastern National Livestock Show, Maryland State Fairgrounds, Timonium, MD 21093.

Woodpower displayed at field day

MIFFLINTOWN — Soaring fuel costs have caused many folks to eliminate vacations, lower their thermostats and pine for the "good old days."

One group of people not necessarily "pining" for the past but for the future is the Wood Powered Energy Corporation. The group will feature their ecological effort — a woodpowered pick-up truck at the Juniata County Conservation and Energy Field Day on Thursday, August 13, from 9 a.m. — 9 p.m

The field day will also feature other energy-saving items. Visitors will get a look at compost-heated hot water and solar collectors for hot water and hot air.

Other exhibits include insulation comparison, machinery, forage testing, tours, fish shocking and more.

The Peoples Farm is located one mile south of McAlisterville on Route 235 Reservations for a chicken barbeque at noon must be in by Monday, August 3. Call 717-8931 or write Juniata Conservation District, Rd. 3, Box 184, Mifflintown, Pa. 17059

? That's A ? Good Question

I read in your paper recently about a Jersey herd dispersal. I was wondering if you would have any information about Jersey cows, including the average price of registered and grade Jerseys and some average herd dispersal prices?

Kenneth R. Hackett
Bloomsburg

Mr. Hackett: According to Florence Robinson, secretary of the Pennsylvania Jersey Cattle Club, Jersey cows in the state last year averaged $1,742.65.

A registered Jersey cow would cost about $1,000-$1,500; while a grade Jersey sells for around $700-$800, she said.

There have been no local dispersals lately, but a recent sale held in Ohio had an average of $1,028 per head.

★ ★ ★ ★ ★

I would like to have some information about whitewash. I am particularly interested in how it is made and applied.

A Dauphin County reader

According to a pamphlet from the National Lime Association, there are a number of types of whitewash and ways to apply it.

A simple recipe includes: ½ bushel of flaked lime, 1 peck salt, 3 pounds ground rice, ½ pounds Spanish whiting, and 1 pound glue.

To prepare the whitewash, mix the lime with 12 gallons of boiling water, keeping this mixture covered. Strain and add salt that has been dissolved in 6 gallons of warm water. Boil the ground rice in approximately 1 gallon of water until it is a thin paste. Then mix Spanish whiting and glue together with warm water. Finally mix everything together and let it stand for several days in a large kettle. Before applying reheat mixture by warming on stove or open fire.

To apply the wash use a brush and keep the material as hot as possible.

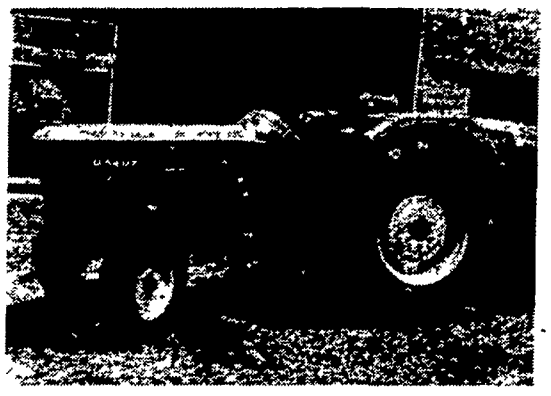
Whitewash can be applied to any dry surface. It is recommended for use in barns to help brighten them and, in the process, eliminate spiders. It also helps to protect the wood, brick, or stone to which it is applied.

If more information is needed, your local Extension service has a number of recipes and pamphlets on whitewash and its uses.

★ ★ ★ ★ ★

ANY WAY YOU FIGURE IT

DX-120 - 110 Hp PTO



F5207 - 52 Hp PTO

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#3. Waiver of finance charges to 3/1/82 on DX tractors.

17.5% fixed rate Deutz financing. Insurance required.

These are probably the most attractive prices available this year. Invest now and save money and interest expenses.

Ask for a demo on the tractor you are considering - Call Harold Stauffer.

PARTS DEPT: We stock parts fully to serve you. We didn't cut our parts stock to save interest expenses.

Stauffer Diesel Inc.

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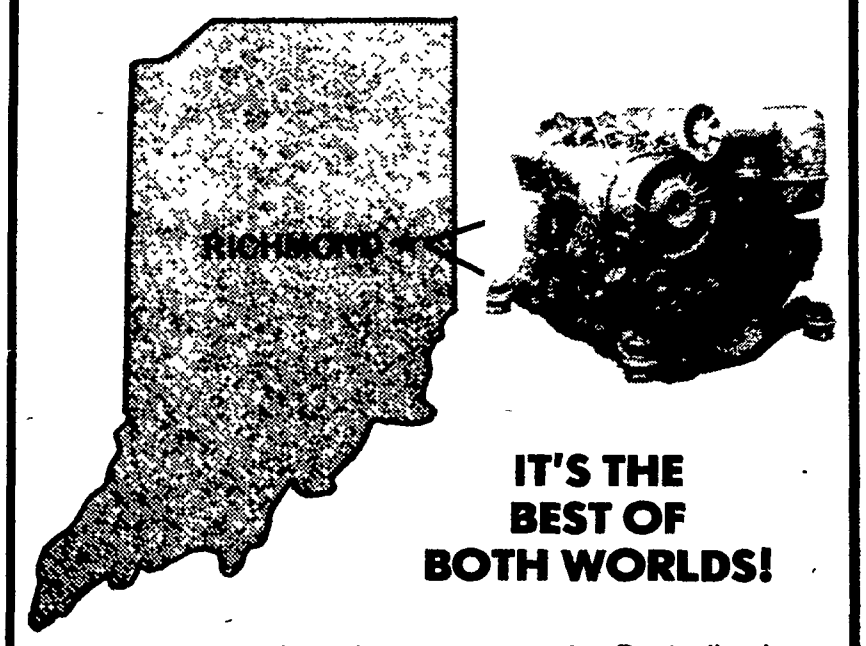

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Deutz customers know from experience that Deutz diesels are a creation of German engineering and production craftsmanship. All those happy Deutz users will be even happier to learn that — NOW DEUTZ DIESELS WILL BE MADE IN USA - at a Deutz engine plant in Richmond, Indiana.

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Compare prices. Don't just buy a "bargain" diesel which is supposed to be "built like a Deutz". BUY A DEUTZ AND BE SURE YOU HAVE MADE A GOOD INVESTMENT. A Deutz diesel will usually recover the difference in price thru fuel savings alone within one year, plus Deutz diesels give extra service life.

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OR CALL FOR THE NAME OF OUR AUTHORIZED DEALER IN YOUR AREA.

Sometimes, it's a long road back home

For a lot of town and city kids, a warm, sunny July afternoon might mean a game of baseball or splashing in the pool.

But not so for many farm children.

This trio of barefoot youngsters from northern Lancaster County had to harvest some of the bounty of all the recent rain and sunshine.

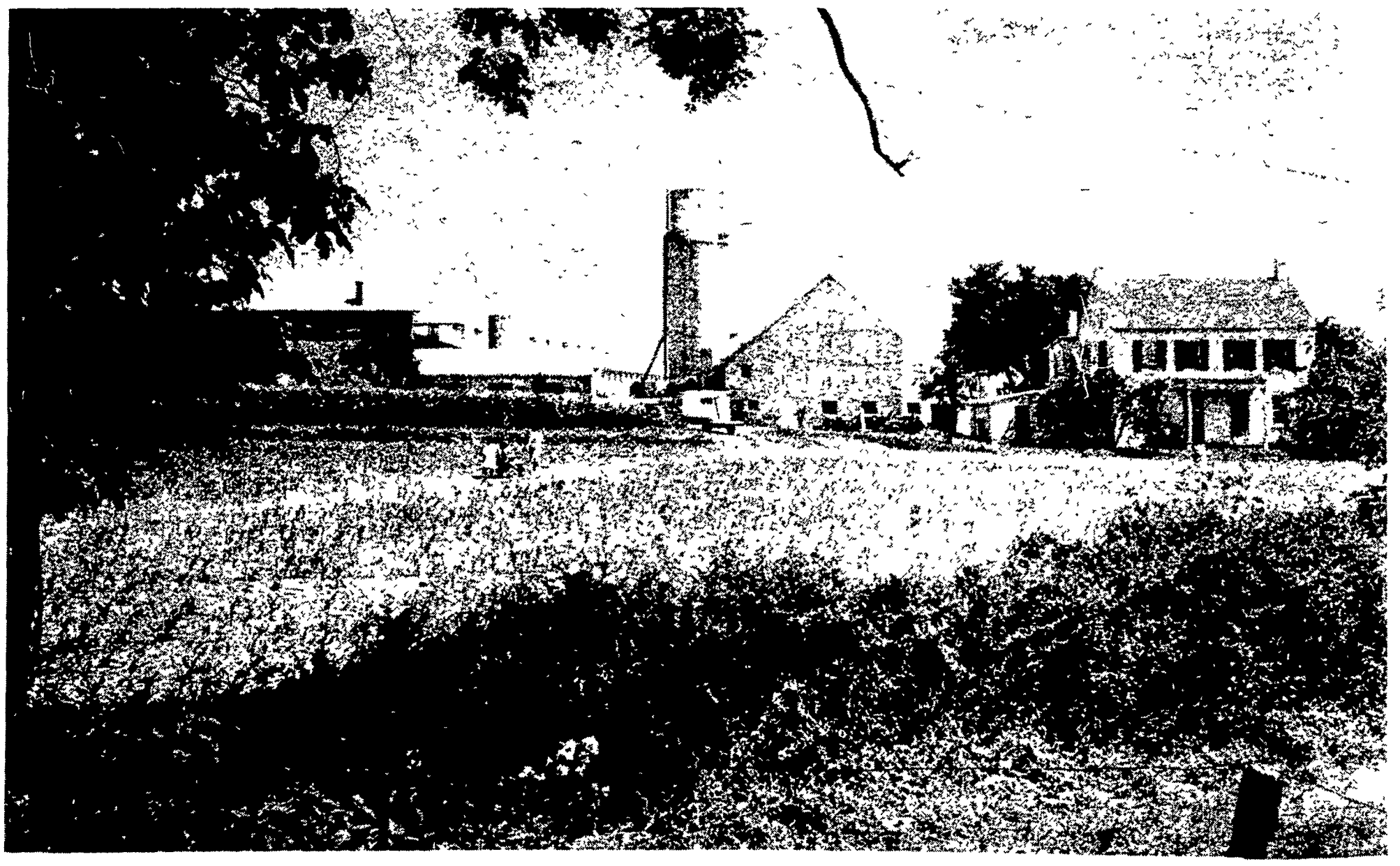
Instead of splashing in a pool, they waded through stalks of sweet corn much taller than themselves.

And after picking the large, juicy ears of silver kernels, the job was only half finished. After harvest, the crop must be taken back home.

It starts off as a three-person job – one sister pulling, another pushing and little brother lending a hand.

But it pays to be the youngest member of the harvesting crew. You can hitch a ride while your sisters continue the journey.

And sometimes, it's a long, long road back home.



Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MAY 1981

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK		LBS. FAT
Bowen Farms	00	39 0	181.1			
W. & K. Wampole	00	36.0	121 4			
William Brown	3	28 0	100 6	73 0	3 8	2 80
B & S Hollenback	3	35 0	95 8	66 7	4.0	2 65
T & D Elliott	B3	42 7	92.3	64 5	3.8	2 45
Ford Ridge Farm	B3	34 1	95 2	65 1	3.7	2 43
K Walters & Sons	G3	76 0	94 6	49 2	4.9	2.43
Wayne H Lamont	B3	40 0	94 4	67.1	3.6	2 41
Windham Vly. Fm	B3	41.9	89 4	63 2	3.7	2 36
George M Shell	3	35 0	91 9	51 3	4.6	2 35
L. & L. Alderson	B3	31 0	95 4	55 8	4.2	2 34
D. Jennings Jr	B3	103 3	93 4	62 4	3 7	2 32
Dale Mattocks	3	67 0	95 3	60 2	3 8	2.31
D Jennings Sr	B3	29 0	95 1	63 2	3 7	2 31
L & L Alderson	B3	31 4	92 2	57 1	4.0	2 31
M Kinsman & Son	3	106 5	91 4	55 0	4 2	2.29
Y Run Dy Fms	3	85 6	91 5	58 0	3 9	2 28
Bride Bros	B3	64 8	89 2	55 9	4 1	2 28
R H Packard	3	52 3	94 5	60 6	3 8	2 28
Ford Ridge Fm	B3	34 5	94 5	61 3	3 7	2.27
Arlyn Wilbur	B3	46 1	94 8	58 1	3 9	2.26
Arthur D. Wolf	B3	59 6	93 3	60.6	3 7	2.26
C & K Crain	B3	57 4	90 0	53 2	4 2	2.25
Earl J Gamble	B3	42 0	84 0	53 8	4 2	2 24
Stuart Wrisley	B3	54 0	93 7	55 7	4 0	2 24
Francis Chaffee	G3	39 0	92.5	55 4	4 0	2 23
Stuart Wrisley	B3	54 0	92 6	56 4	4 0	2.23
Springcroft Farm	3	97 9	93 3	60 1	3 7	2 22
Braund Vly Fms	3	80 6	97.9	59 8	3 7	2.22
Lazzell Watkins	B3	62 2	88 2	55 3	4 0	2.21
D & D Moon	3	44 8	94.0	58 4	3 8	2.19
Davis Bros.	3	67 2	93.7	51 0	4 3	2 18
Roe Russell Jr	3	102 0	87.2	49 7	4 3	2.16
Robert Taylor	B3	42 1	94.1	54 0	4 0	2.16
Bradley Haflett	B3	35.0	94.3	60 3	3 6	2.16
George W Lee	B3	53 5	91.0	58 2	3 7	2.16
J & K Hale	B3	48 0	87.5	62 9	3 4	2.15
J & K Hale	B3	49 2	86.8	58 5	3 7	2.14
Leo -Robert Cole	B3	57 0	88 7	52 5	4 1	2.14
Eugene Homan	B3	46 1	94.6	52 1	4 1	2.14
Snowcrest Farm	B3	76 4	96.0	57 7	3 7	2.13
Stanley Saxton	3	66 0	84.0	54 5	3 9	2.12
Timothy Brennan	B3	44 6	95.4	51 1	4 1	2.12
Greland Farms	B3	41 9	98.3	57 5	3.7	2 12
V & R Allis	B3	46 0	94.1	58 5	3 6	2 11
Duane Lewis	B3	42 4	91.8	58 9	3 6	2 11
Roy Watson Fm 3	3	57 6	90 5	52.2	4 0	2 11
R Allen Rightmire	3	42 2	92 4	52.6	4 0	2 10
Lyle D Monro	3	87.2	90 7	56 7	3 7	2 09
Elsbree Bros	B3	73 1	93 4	56 7	3 7	2 09
Gerald Stethers	3	76 5	89 1	55 4	3 8	2 08
John Kolesar Jr	B3	43 9	89 9	55 5	3 7	2 08
Clayton Oldroyd	3	28 0	98 2	53 1	3 9	2 08
H&R Dairy Farm	B8	34 3	84 0	49.7	4 2	2 08
Kendale Fm Inc	3	41.0	98 6	54 7	3 8	2 07
S. & C Jenkins	B3	43 4	97 7	52.7	3 9	2.07
Art & Joan Gover	B3	39 5	89 6	55.5	3 7	2 07
Clyde T Seeley	3	41.6	96 1	51.7	4.0	2.07
George W. Lee	B3	53 4	83 4	53.5	3.9	2 07
C. & R Shaffer	B3	69.6	94 2	56.7	3.7	2.07
Wright Bros	2	75 9	86 7	43.5	4 7	2.06
Myron Bristol	B3	39.9	97 3	55 0	3.7	2.06
Snowcrest Farm	B3	76 5	92 4	5 55	3.7	2.06
R. Macwhinnie	B3	42.0	96 7	48.0	4.3	2.05
Shumhurst Fm	3	62.5	92.5	56.3	3.6	2.05
Marvin Berry	B3	40.8	91 0	53.7	3.8	2.05
Leslie Freeman	3	54 0	95 8	53.9	3.8	2.05
Thomas McCarty	B3	159.3	92 7	50.8	4.0	2.04
Elwin Roberts	B3	40.7	89 7	48.5	4 2	2.04
S. & L Cook	B3	28 0	92 5	52.2	3 9	2.04
Springcroft Fm	3	98.3	85 6	54.0	3.8	2.03
Richard Storck	3	38.6	91 6	57.0	3.6	2.03
Wm Bruce Bresee	3	60 0	85 6	54.3	3 7	2.02
Champluvier & Son	3	56.3	89 2	55.1	3.7	2.02
V. & R Allis	B3	45 0	91 9	52.4	3.9	2.02
Carl McClelland	3	31.0	83 6	51.5	3.9	2.02
Braund Vly Fms	3	81.1	96 5	53.9	3.7	2.02
D. & C. Bagley	B3	51.4	90 1	55.0	3.7	2.02

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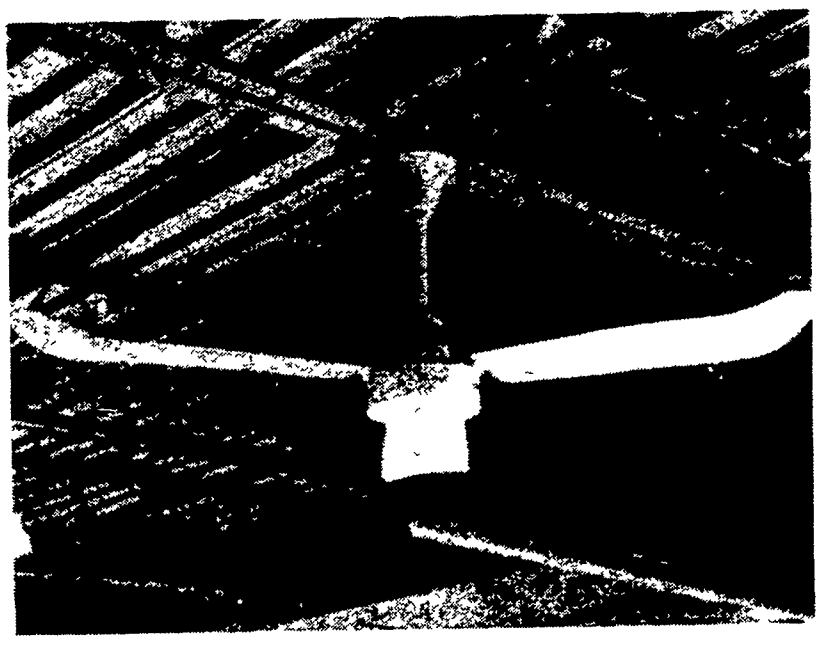
AGRIFAN

HELPS TO HEAT IN WINTER!

HELPS TO COOL IN SUMMER!



Agri-fan continuously circulates air vertically, eliminating heat stratification which can cause air temperatures from floor to ceiling to differ by as much as 25 degrees.

Agri-fan forces warm, dry air (which naturally rises), down to floor level in a continuing circular process.

When the overall temperature in a building is equalized the thermostat can be lowered in the cold winter months and fuel costs can drop as much as 30%. In hot summer months, Agri-fan prevents uncomfortable air stagnation, providing dryer, cooler, healthier conditions, thereby reducing your operation costs even further.

Fan carries a five-year warranty and features:

- Sealed chrome steel ball bearings
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- No maintenance
- Displaces 24,000 cubic feet of air per minute (CFM)
- Solid state infinite speed controls
- Uses less energy than 40W bulb at low-speed
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- Aerodynamically designed blades for maximum air delivery
- Down rods available in 10" lengths
- Fans and controls are warranteed to be free from defects in materials and workmanship at the time of shipment from the factory and for a period of five years.

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- Milking parlors
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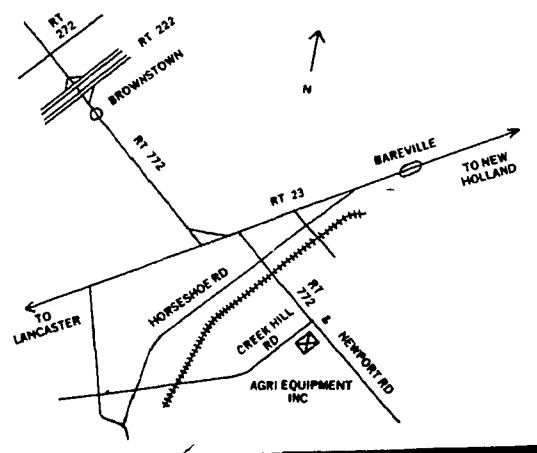
- Greenhouses
- Offices areas
- Confinement buildings
- Livestock buildings
- Processing plants
- Warehouses
- Machine shops
- Homes
- Churches



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Sat. 7:30 to 11:30

Bradford Co. DHIA

(Continued from Page D11)

Francis Chaffee	G3	39 0	85 7	48 2	4 2	2 02
Ray & Larry Rowe	B3	55 0	95 9	53 7	3 7	2 01
Leigh Sturdevant	3	66 0	99 5	46 3	4 3	2 00
Merle Bacon	B3	36 0	91 1	50 9	3 9	2 00
Russell & Sons	B3	52 6	80 8	50 6	4 0	2 00
B & T Murray	B3	93 0	88 0	56 2	3 6	2 00
Vernalder Farm	B3	52 2	92 7	59 8	3 3	2 00
Scott Moore	B3	82 0	91 7	50 4	4 0	2.00
John Culver	3	77 3	87 3	52 0	3 8	1 99
Fivebrooks Farm	3	71 0	89 2	54 7	3 6	1 99
Paul D McCoy	B3	75 0	89 5	51 6	3 9	1 99
B Kilmer & Sons	B1	31 0	88 1	47 6	4 2	1 99
Piercehome Fms	3	33 0	99 1	51.4	3 9	1 99
C & M. Elliott	B3	46 0	80 0	55 1	3 6	1 98
R & J Sechrist	B3	49 0	91 5	53 3	3 7	1 98
J & D Elvidge	B3	46 2	85 0	49 3	4 0	1 98
G & A Landis	3	78 2	85 5	52 5	3 8	1 97
W J Smith	3	45 0	92 5	55 1	3 6	1 97
Clayton Oldroyd	3	28 0	100 0	51 4	3 8	1 97
Ronald P Davis	B3	34 5	85 9	53 0	3 7	1 97
Calkins Farm	3	68 5	95 3	51 2	3 8	1 97
Kenneth Higley	B3	89 5	95 9	49 7	4 0	1 97
Russel L Jones	3	65 4	86 9	49 7	3 9	1 96
Frank Herman Jr	B3	40 0	84 9	52 7	3 7	1 96
Richard Wheeler	3	56 1	87 4	53 1	3 7	1 96
Swamont Farms	B3	71 4	90 0	50 5	3 9	1 96
Cragle Knolls	B3	47 2	89 6	49 2	4 0	1 96
C Watson Fm 2	4	58 0	96 2	36 7	5 3	1 96
Kenneth Higley	B3	89 7	92 8	49 9	3 9	1 96
Leona Holsteins	3	49 0	91 4	53 6	3 6	1 95
Richard Bristol	B3	36 0	93 8	52 2	3 7	1 94
Art & Joan Gover	B3	39 8	82 3	49 9	3 9	1 94
Robert Seeley	B3	43 1	90 3	56 6	3 4	1 94
Ponder Hill Fms	B3	58 0	89 0	50 3	3 9	1 94
Jay & Faye Good	G3	40 1	91 7	53 3	3 6	1 94
Scott Moore	B3	79 1	96 1	50 6	3 8	1 94
James Jenkins	B3	36 2	92 8	49 3	3 9	1 94
Sheldon Millard	3	54 0	92 3	53 0	3 6	1 92
Halstead Bros	B3	68 4	90.4	51 2	3 8	1 92
Gary S Ferguson	B3	35 4	95 7	49 7	3 9	1 92
L & B Miller	3	53 1	86 7	46 7	4 1	1 91
Elmer Comstock	3	59 3	88 7	48 6	3 9	1 91
Rodney Babcock	B3	84 6	99 9	51 5	3 7	1 91
Dinger Bros	B3	49 0	82 2	48 9	3 9	1 91
Dale R Petty	B3	39 7	93 8	50 3	3 8	1 90
Allen S Andrews	3	74 4	90 6	53 8	3 5	1 90
Shores Bros	B3	33 0	97 0	49.5	3 8	1 90
Alamont Farm	B3	44 0	94 4	51.6	3 7	1 90
Lloyd Smeck	G3	51 5	98 6	51 0	3 7	1 89
Richard Brewer	B3	45 9	86 4	46 7	4 0	1 89
Peck Hill Farms	B3	93.0	89 4	54.1	3 5	1 89
Paul Sargeant	B3	41.0	98 7	49.1	3 8	1 89
James Howard	3	72.8	85 7	49.1	3 8	1 88
A & C Harkness	B3	56 0	94 5	49 7	3 8	1 88
Alan Warburton	3	45 7	87 4	51.9	3 6	1 88
James L Powlison	3	38 0	96 1	51.6	3 6	1 88
Milton Sherman	3	34.9	94.9	45.8	4.1	1 88
Glenn Felter	B3	55 0	89 9	46.2	4 1	1 88
A S Derstine	3	59 7	85 5	51 4	3.7	1 88
B & D Tillinghast	3	93 0	94 5	48.1	3 9	1 87
H Warner & Sons	B3	83 0	90 7	50 2	3 7	1 87
Louis Sturdevant	B3	51 6	86 0	46 6	4 0	1 86
Le Canville Fm	3	58 6	88.1	46 7	4 0	1 86

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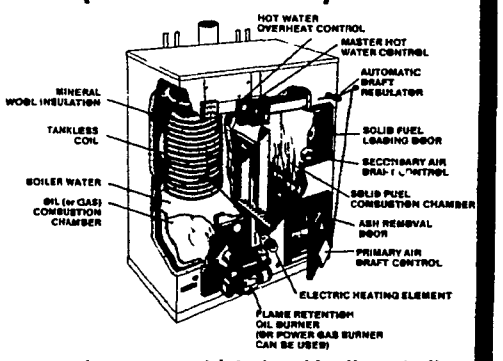
CENTRAL HEAT FROM WOOD AND COAL (OR OIL OR GAS)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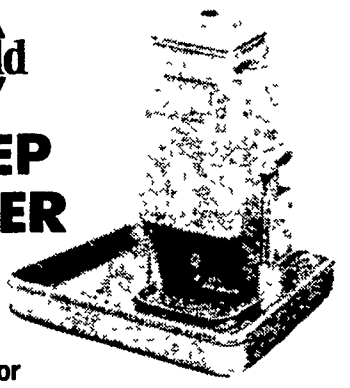
Ph 215-683-5810

Distributed by Heat Shed Inc., Revere, PA
PH: 215-847-2041

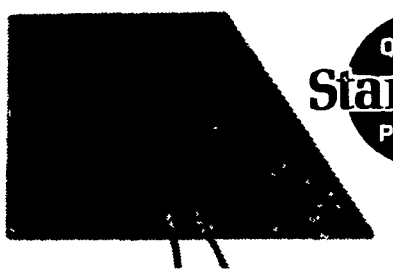
Quality Stanfield Product

CREEP FEEDER



Includes:
- Large open feed pan to simulate floor feeding.
- Sturdy aluminum bracket for quick feeder in-and-out
- Generous 1¼ gallon hopper capacity.

Not just another creep feeder! A farm tested natural way to start two and three day-old pigs on solid feed. Pigs learn to eat creep feed before weaning. So you wean faster and pigs do better under less stress.



Quality Stanfield Product™

Put Your Pigs on a Blanket

HEAT PADS

For Farrowing Crates And Nursery With Stanfield Surface, Draft Barrier Cleats, Twin Cords.

Swine Systems
FARMER BOY AG.

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½ Mile East of Myerstown
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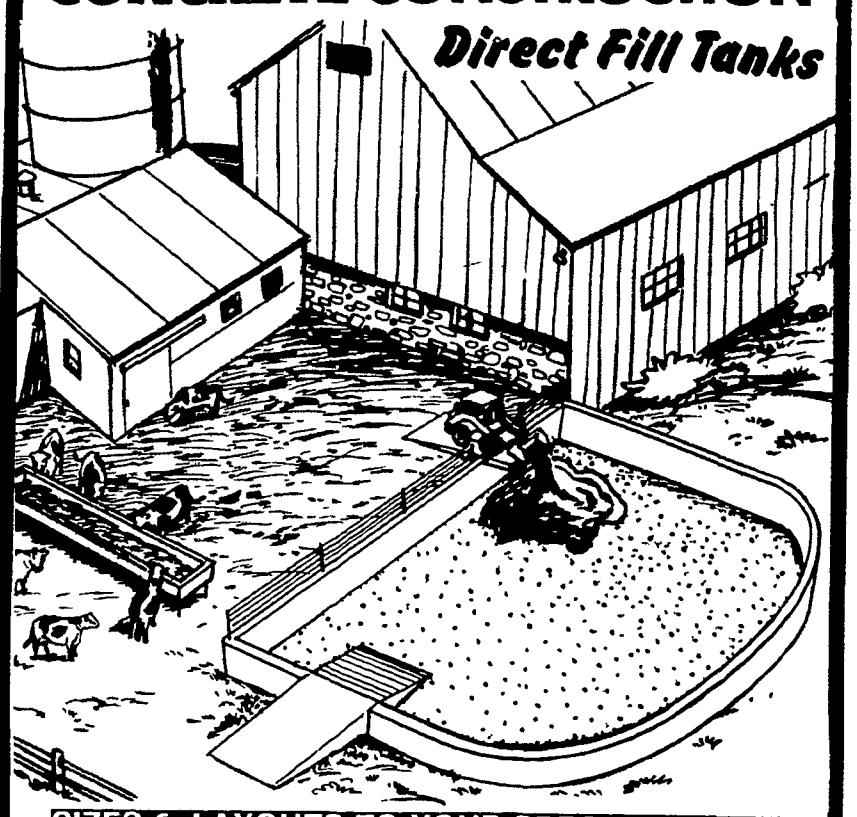
POURED REINFORCED CONCRETE CONSTRUCTION

Direct Fill Tanks



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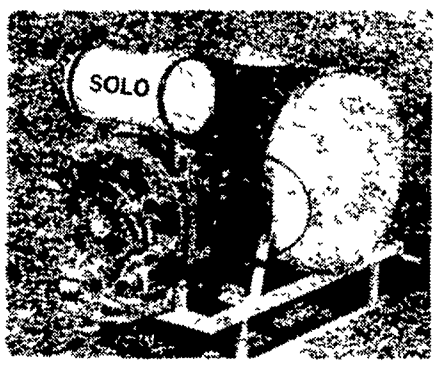
AIR BLAST SPRAYER



KEY FEATURES:
- 55 gallon poly tank
- 12½ HP (210 c c) gas engine
- 8 nozzle adjustable discharge, 200 mph velocity
- Calibration from 1 quart to 40 gal per acre
- Up to 40 ft swath width for crops
- Up to 40 ft height with Teleblast
- Mounts on 3 pt hitch or skids into pick up truck

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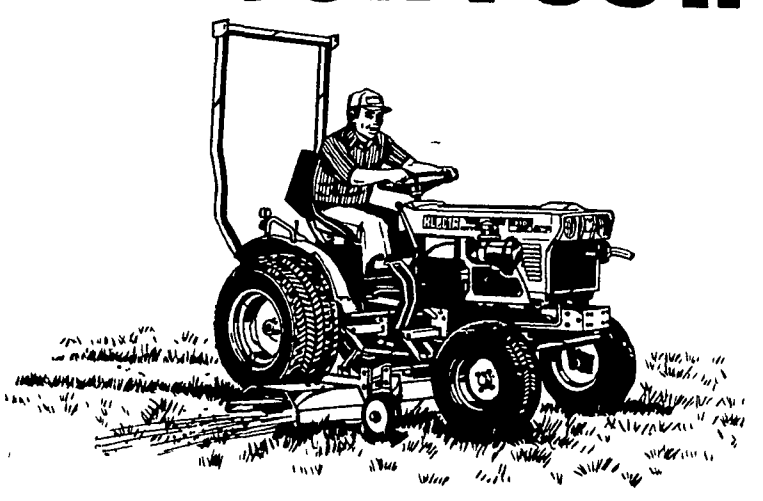

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So if you want a tractor that's economical and easy to operate, the answer's automatic. The Kubota B7100HST.

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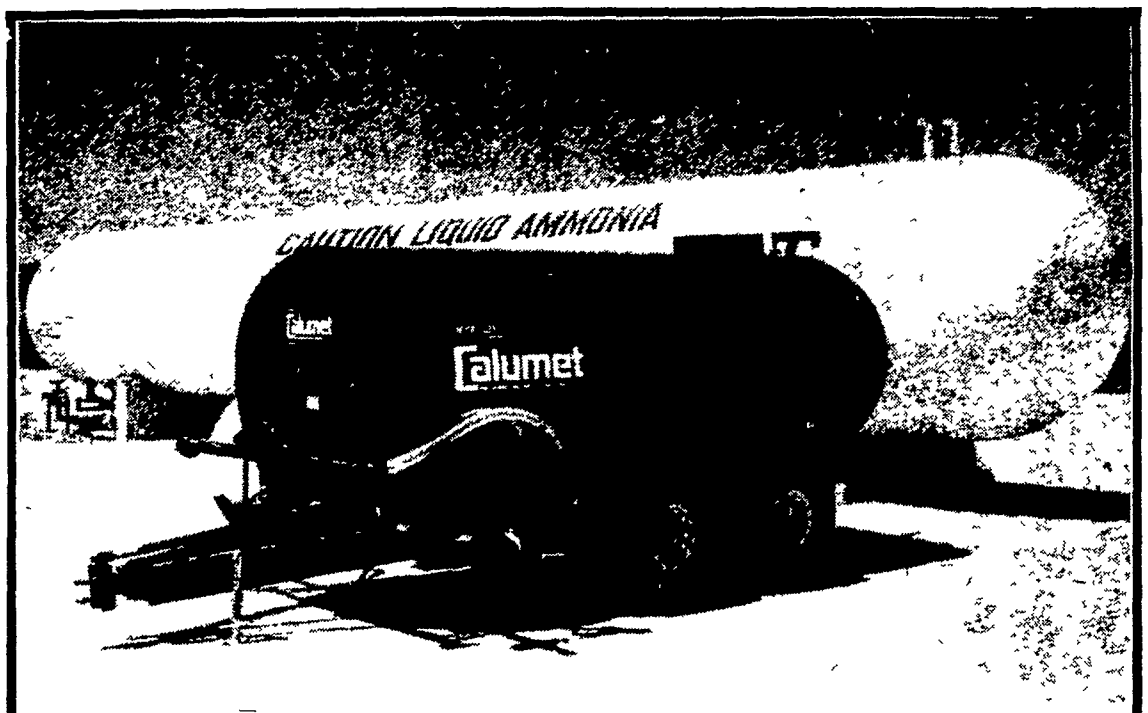
Bradford Co. DHIA

(Continued from Page D12)

Swamont Farms	B3	69 8	91 1	49 9	3 7	1 86
Ter-Mar Farm	B3	45 0	97 8	54 1	3 4	1 86
Dennis Lehman	B3	50 5	87 5	49 6	3 8	1 86
Nancy K. Bean	B3	25 0	89 1	50 5	3 7	1 86
Wilford Heater	B3	28 0	89 4	51 6	3 6	1 86
Paul Robbins	B3	39 0	93 4	47 9	3 9	1 86
Dave L Wright	B3	37 0	94 6	53 5	3 5	1 86
Robert Eick	4	47 0	95 2	38 8	4 8	1 85
B Kilmer & Sons	B3	39 0	82 3	47 3	3 9	1 85
James Boor	B3	81 9	87 8	49 7	3 7	1 85
Warren Roberts	B3	50 0	77 6	51 2	3 6	1 85
A & L Harris	4	49 0	98 4	37 2	4 9	1 84
E & B Harris	4	50 2	90 6	37 1	5 0	1 84
Richard B Reagan	3	48 6	87 1	51 7	3 6	1 84
Merle Watson	B3	63 5	92 9	49 2	3 7	1 84
A S Derstine	3	60 0	85 9	49 7	3 7	1 84
Galen Woodruff	G3	24 2	95 4	48 0	3 8	1 84
Barrett Bros	B3	64 4	91 5	45 9	4 0	1 83
R & J Butts	3	43 6	81 3	47 1	3 9	1 83
Fox Chase Fms	B3	145 3	91 4	46 6	3 9	1 82
Donald Isaacs	B3	59 8	94 2	49 4	3 7	1 82
Robert S Thomson	3	71.9	88 5	46 3	3 9	1 82
Roy Watson Farm 1	4	89 6	94 3	37 0	4 9	1 82
Ray Keeney	B3	73 7	90 5	46 6	3 9	1 82
Claude W Arnold	B3	36 0	90 8	44 7	4 1	1 82
J Howard & Sons	3	63 4	94 6	50 8	3 6	1 81
Donald E Cole	5	45 0	86 7	41 4	4 4	1 81
Alfred Sparling	3	84 7	88 1	52 1	3 5	1 81
Matt Will	B9	67 2	87 2	49 6	3 6	1 81
Martin Kingsley	B3	49 2	96 0	42.7	4 2	1 81
H & P Jennings	B3	44 0	90 9	45 9	3 9	1 81
Barry Bradley	B3	45 2	88 6	47 6	3 8	1 81
Roof Farms	B3	32 0	79 7	47 1	3 8	1 80
Ted Baldwins Dy	B3	43 2	84 0	49 5	3 6	1 80
Jerry Pruyne	B3	61 8	82 8	43 4	4 1	1 80
G & J McMurray	B3	49 0	94 2	52 8	3 4	1 79
Rob-Maple Hill	B3	64 9	89 1	47 2	3 8	1.79
Hutchinson&Sons	B3	41 0	97 6	50 9	3 5	1 79
J W Swingle	3	47 7	100 9	39 6	4 5	1 78
Robert Eick	4	47 8	92 8	35 6	5 0	1 78
L & J Warner	3	41 2	84 6	51 4	3 5	1 78
Ralph Tewksbury	B3	53 5	96 2	45 6	3 9	1 78
R Hoppaugh	3	75 0	88 3	56 2	3 2	1 78
Matt Will	B9	66 0	85 3	50 3	3 5	1 78
Endless Mts Fm	8	47 0	77 0	47 4	3 8	1 78
L Scott Shedden	B3	50 7	82 1	53 4	3 3	1 78
M M Watkins	B3	29 8	88 6	48 1	3 7	1 78
Fred Shaffer	B3	37 3	91 6	51 0	3 5	1 78
Madigan Farms	B3	88 7	87 8	51 0	3 5	1 78
Summit Dairy Fm	B3	48 5	93 2	51 3	3 5	1 78
Clarence Stevens	3	52 0	94 7	44 9	4 0	1 78
Kenneth Prince	B3	65 0	85 5	50.4	3 5	1 77
Shedden & Family	G3	68 0	84 3	48 5	3 6	1 77
William Smith	B3	74 6	93 8	49 0	3 6	1 77
Douglas Graybill	3	35 8	85 6	45 0	3 9	1 77
Ben Jackson	3	54 8	89 7	45 6	3 9	1 76
R & T Beardslee	3	96 4	93 7	47 1	3 7	1 76
H & R Andrus	B3	171 7	92 2	47 8	3.7	1 76
B & D Earls	3	57 9	84 0	45 9	3 8	1 76
Lewstone Fms	G3	61 7	90 8	46 9	3 8	1 76
H &G Alderfer	B3	33 0	95 0	45 0	3 9	1 75
W & R Vanblarcom	B3	64 0	91 8	45 9	3 8	1 76
Brackman Bros	2	87 1	89 1	37 7	4 6	1 74
R & J Butts	3	42 6	79 1	46 3	3 8	1 74
Walter G Wheaton	B8	52 6	85 9	44 2	3 9	1 74
Kerryview Acres	B3	60 4	91 2	47 2	3 7	1 74
Mapoval Farms Inc	3	88 8	86 1	42 9	4 0	1 73
L & J Warner	3	42 1	87 6	50 2	3 4	1 73
G & N Johnson	B3	85 0	93 6	40 2	4 3	1 73
Manleyview Fms	B3	48 0	89 2	46 3	3 7	1 73
Kendall Strawn	B3	52 7	81 8	46 1	3 8	1 73
Milton A Brown	B3	41 5	88 4	47 1	3 7	1.73
Clifton McMurray	B3	60 8	81 1	43 6	4 0	1 73
Hermit Hill Fm	B3	34 1	91 8	49 5	3 5	1.73
Charles Allen	B3	110 4	91 4	50 2	3 4	1 73
Clarence Stevens	3	52 0	92 1	42 2	4 1	1 73
Roy Watson Fm 1	4	75 0	87 4	34 7	5.0	1.72
William Eick	4	59 3	93 8	35 7	4 8	1.72
Ron Lin Farms	B3	34 0	92 1	42 6	4 0	1.72
Brown & Ely	G3	49 4	83 4	45 0	3 8	1.72
Robert Whipple	3	60 0	89 2	45 3	3 8	1 71
Hopps Hill Fm	B3	39 2	90 4	43 3	3 9	1.71
John Hulslander	B3	40 9	96 4	45 4	3 8	1 71
T & P Cole	B3	18 3	93 3	46 0	3 7	1 71
Kendale Fm Inc	3	41 0	87 9	44 9	3 8	1 70
Russell Stowell	B3	42 6	90 0	45 7	3 7	1 70
J & J Showalter	B3	30 0	83 8	46 4	3 7	1 70
Wilcox Bros	2	77 0	90 8	34 7	4 9	1 69
Windy Mont Fm	3	57 0	88 2	42 2	4 0	1 69
H & V Harkness	G3	64 3	94 6	42 2	4 0	1 69
Lewstone Farms	G3	61 0	89 3	45 5	3 7	1 69
Bennett R Young	3	63 6	90 0	46 4	3 6	1 68
George Kerrick	3	61 6	94 9	39 9	4 2	1 68
Charles Allen	B3	119 5	88 2	46 4	3 6	1 68
M & A Dewing	B3	51 6	83 9	46 0	3.6	1 67
Robert Mosier	B3	53 5	90 6	44 5	3 8	1 67
Tige R Luv Dys	B3	82 2	87 3	46 8	3 6	1 67
Ronald Painter	G3	49 6	78 4	43 0	3 9	1 67
Fred Shaffer	B3	38 0	90 0	49 9	3 3	1 67
Parks Knoll Fms	B3	96 9	91 9	45 4	3 7	1 67
J Van Blarcom	B3	43 0	97 2	42 2	3 9	1 66
M L Case	B3	37 5	93 8	46 3	3 6	1 66
D & P Cole	B3	33 0	89 4	44 2	3 8	1 66
Richard Jenkins	3	68 4	83 1	43 3	3 8	1 65
William Voegtlen	B8	56 3	86 4	45 1	3 7	1 65
Leland Jelliff	B3	33 4	97 0	45 6	3 6	1.65
D & D Bennett	B4	83.7	92 6	31.2	5.3	1.65
Ralph Burgess	3	30 6	96.7	44 0	3.8	1.65
Windy Mont Fm	3	57 9	90 5	42.1	3.9	1.65
Twin Tower Fms	4	41 0	93.6	34 0	4 9	1.65
Gary L Ritz	00	37 0	114 0			
Gary Rockwell	3	49 2	85 8	44 0	3 7	1.64
Wm S Davis Jr	B3	48 6	82.2	44 7	3 7	1.64
Jacob H. Wrisley	B3	53 3	90.5	45 8	3 6	1.64
Duffield Fms.	B3	50 2	94.1	42 7	3 8	1.64
Glenn Felter	B3	56 7	90 2	45.1	3.6	1.64
Frank Purcell	B3	24 0	83.9	46.2	3 5	1 64
G & D Ayres	B3	83 6	86.6	46.1	3 6	1 64
Joyce M Harvey	B3	33 8	84 8	47.7	3 4	1 64
Robert L Storch	3	65 6	85 5	46 8	3 5	1.63
E Browning Fm 1	B3	40 0	90 2	42 8	3 8	1 63
R & E Bouse	G3	58 0	86 7	38 6	4 2	1 62
D & E Allis	B3	35.3	84 9	43 6	3 7	1 62
Pet Roypa Fm	3	44.2	86 1	44 4	3 6	1 62
Mrs Schucker Jr	3	31 4	76 5	46 0	3 5	1 61
East Knoll Fm	3	56 9	80 7	41 6	3 8	1 60
Cozy Valley Fms	4	75.0	90 6	30 8	5.2	1 60
G & D Ayres	B3	82.3	86 0	45 5	3 5	1 60
Huntingdon & Son	B3	82 7	89 1	40 7	3 9	1.60
Claude Clark Jr	B3	78 9	93 7	41 9	3 8	1 59
Pinetop Farm	3	59 0	87 9	39 9	4 0	1.59
Hopps Hill Farm	B3	39 0	85 6	41 7	3 8	1 59
D & M Wilber	B3	42 0	85 4	40 8	3 9	1.58
Gary Butcher	3	49 1	89.8	41 7	3.8	1.58
Latini Bros	B8	91 2	78 1	38 3	4.1	1.57
Harvey Hennip	3	38 4	92 2	45.7	3 4	1.57
Donald Jennings	B3	48 8	100 4	40.2	3 9	1.57
R & G Burke	B3	74 0	87 4	40 1	3 9	1.56
Wilford Heater	B3	43 0	87 7	43 2	3 6	1 56
J & E Johnson	B3	48 0	84 4	38 3	4 1	1 56
O & D Hawthorne	B3	31.0	87 1	42 6	3 7	1 56
M & L Wanck	B3	67 9	86 5	43 6	3 6	1 56
Raymond Scrivens	B3	52 5	81 7	40 0	3.9	1 56
Dean L Wagner	B3	38.3	88 2	40 8	3 8	1 56
R Kerrick & Son	3	98 2	91 1	41 1	3 8	1 55
Robert W Cory	B3	54 1	78 1	37 3	4 2	1 55
Pinetop Farm	3	59 3	84 1	39 1	3.9	1 54
William Voegtlen	B8	57 0	83 2	40 5	3 8	1 45
Jenkins & Son	B3	42 9	92.7	47.5	3.2	1 54
William Avery Jr	B3	66 0	82 1	39 6	3 9	1 54
R Century Fm	B3	24 0	87 2	43 5	3 5	1.53
G Henry Turrell	B3	25 0	91.1	38 9	3 9	1.53
Larry B Wright	B3	53 0	81 3	40 8	3 8	1 53
D & J Bedford	B3	63 6	88 6	40 7	3 7	1 52
Alan Warburton	3	45 4	75 1	41 0	3.7	1.52
W Hollenback	B3	48 4	74 7	41 7	3 6	1 52

(Turn to Page D14)

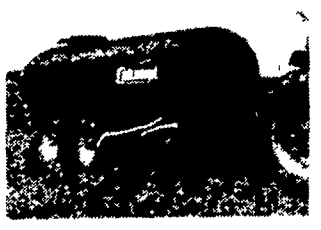


Maybe it's time you switched fertilizer tanks

Switch to a Calumet Liquid Manure Spreader

Compared to today's — and tomorrow's — sky-high fertilizer prices, manure is just too valuable to waste A hundred cow dairy herd, for example, can save thousands of dollars every year in fertilizer costs

Take full advantage of this liquid gold with a Calumet liquid manure spreader teamed with a 4-shank soil injector Injecting can help retain four times the nitrogen that's usually lost with surface spreading — in addition to reducing odor and run off problems



Calumet spreaders, in capacities from 1625 to 4500 gallons, are engineered for efficiency and longevity Heavy duty steel alloy tanks are coated with epoxy to resist corrosion Double reinforced A-frames and support skids add strength for heavy loads All Calumet liquid spreaders are backed by a 12-month warranty

Make the best use of the fertilizer produced on your farm with a Calumet liquid spreader and soil injector

Call for information on the value of manure— and some good reasons why you should switch fertilizer tanks

Look For The Right One!

Calumet

The Calumet Co ,Inc

USED EQUIPMENT

1 - Clay V2250
1 - Better-Bilt 12 Ft Auger Pit Pump
1 - Calumet 10 Ft Pit Pump
1 S3250 Calumet Spreader w/Auger

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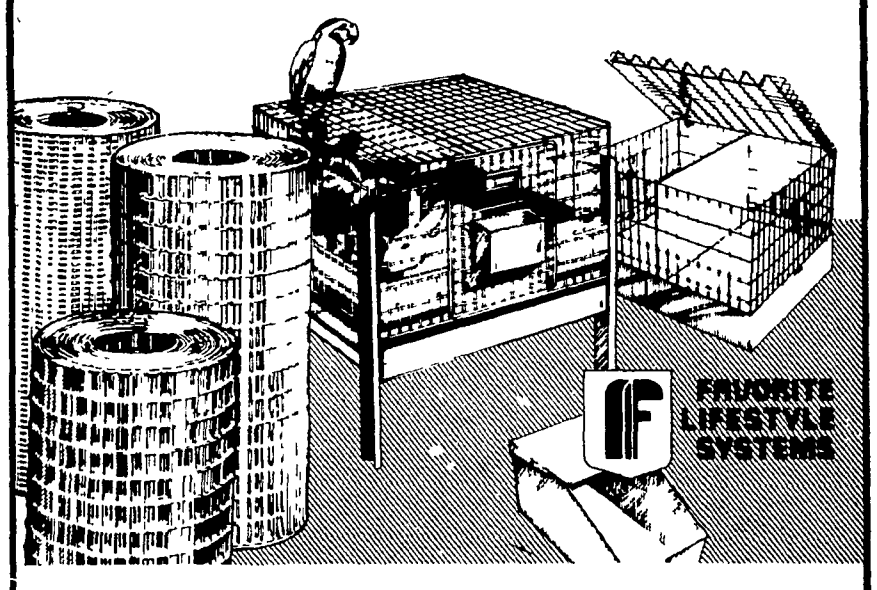


Bradford Co. DHIA

(Continued from Page D13)

This reports all DHIA cows that have produced 700 lbs of butterfat or more in 305 days, PLUS 2 year old records of 600 lbs or more

OWNER NAME OR NO	AGE AT CALVING		DAYS IN MILK	LBS MILK	LBS FAT
Y Run Dairy Farms					
Warble	3	7	305	24,406	862
Julia	3	5	305	20,281	843
Iris	3	4	305	18,695	773
Jan	3	4	302	18,027	736
Ginny	3	4	305	19,488	804
Mapoval Farms Inc					
Linda	3	11	305	27,854	1050
O Krim	3	6	305	21,296	765
O Kate	3	5	305	18,417	833
Rnimbo	3	4	305	18,542	707
R Great	3	4	305	17,531	700
Spardot	3	3	305	21,520	747
Tmbabe	3	2	305	16,681	659
Wm Bruce Bresee					
Edna	3	2	305	16,644	659
Dale Mattocks					
Bobbi	3	2	305	15,389	608
Donalee	3	5	295	16,645	711
Belinda	3	2	305	15,700	763
Russel L Jones					
Polly	3	6	305	24,884	999
Brenda	3	5	290	18,694	821
Leah	3	3	297	18,774	750
Noreen	3	2	305	15,417	663
Roe Russell Jr					
426	3	6	305	21,072	876
434	3	6	305	21,193	871
Thomas A McCarty					
87 A	3	4	305	18,253	726
285	3	3	305	18,904	811
395	3	2	305	15,857	609
297	3	5	305	20,283	741
John H Howard & Sons					
Pam	3	2	305	15,444	600
Lynn & Bonnie Miller					
Kookie	3	4	305	19,923	837
Barrett Brothers					
281	3	11	305	17,096	715
R. Champluvier & Son					
Ingrid	3	8	305	18,111	741
Boots	3	6	305	19,504	862
Vernon & Robert Allis					
Maxine	3	4	305	20,881	820
Alice	3	3	305	19,738	774
Leigh Sturdevant					
Destiny	3	2	305	15,056	618
Estie	3	2	305	13,663	651
BessIII	3	2	305	16,310	789
Betty	3	2	305	18,179	739
Merle Bacon					
Gail	3	7	305	16,630	710
Elwin Roberts					
Valerie	3	9	305	17,050	708
Deb	3	5	300	19,270	720
Neat	3	5	305	18,492	718
55	3	3	305	19,927	717
Jeff & Karen Hale					
Lisa	2		305	14,561	631
Glen & Arlen Landis					
Star	3	9	305	20,513	786
Mary	3	4	302	22,713	797
Dawson & Dave Moon					
Pretty2	3	4	305	16,981	760
Stanley Saxton					
Leah	3	9	293	21,018	771
Faith	3	4	305	17,332	729
Russell Stowell					
72	3	2	305	15,593	628
Ford Ridge Farm					
Purity	3	5	305	21,278	909
Duchess	3	7	296	18,729	840
Clarence & Keith Crain					
Wilma35	3	6	305	22,463	853
Bold	3	3	305	19,032	850
Leonard Robert Cole					
Joan	3	8	292	17,467	716
Kate	3	4	305	21,239	730
Max & Andy Dewing					
Bess	3	4	305	17,282	710
Milford Kinsman & Son					
Stella	3	7	305	18,062	742
Lyle D Monro					
36	3	2	305	14,990	641
50	3	2	288	14,887	612
90	3	2	291	15,246	630
Timothy Brennan					
Poppy	3	6	305	20,067	733
Gerald Stethers					
63	3	8	305	19,235	720
Springcroft Farm					
Marsha	3	3	305	20,155	758
Richard H Packard					
Brunch	3	4	305	22,692	776
Roy Watson Farm I					
Jetty	4	9	305	12,377	774
Robert H Whipple					
Ellie	3	4	305	18,825	712
Diana	3	2	305	16,519	617
Daffy	3	2	305	15,352	675
Pabst	3	2	305	16,139	617
Rita	3	2	305	14,805	604
Donald E Cole					
Dawn	5	5	305	18,240	751
East Knoll Farm					
Lizzy	3	5	305	21,109	829
Hazel	3	10	290	20,814	799
Etta	3	5	305	18,267	733
Robert Taylor					
May	3	8	289	19,104	824
Alti	3	4	305	22,447	922
Betty	3	2	305	20,085	764
H W Russell & Sons					
5G	3	9	296	17,624	719
25 F	3	7	305	20,074	771
21K	3	3	305	19,090	728
Richard D Wheeler					
Sunbeam	3	4	305	19,931	759
Cris	3	2	305	15,150	609
Lloyd Smeck					
203	3	5	305	20,081	730
William J Smith					
Carolin	3	6	305	21,399	745
Richard Jenkins					
Phillis	3	2	305	14,129	629
Pinetop Farm					
Gem	3	7	305	16,950	751
Art & Joan B Gover					
Penny	3	5	305	20,436	753
Le Canville Farm					
Fay	3	4	305	18,265	729
Gene Miller					
314	3	6	305	16,459	791
336	3	4	305	17,018	724
Tige R Luv Dairies					
14	3	2	305	15,912	619
Robert & Gary Burke					
Bea	3	5	303	15,892	711
Ronald Forbes					
WBR	3	7	305	16,544	728
Latini Brothers					
76	3	5	305	18,977	901
37	3	4	305	17,708	768
Swamont Farms					
Jenifer	3	8	291	15,644	705
Sybil	3	6	305	19,733	727
Rosie	3	6	305	19,058	853
Josie	3	4	305	19,250	702
Sheldon L Millard					
15	3	4	305	20,996	738
Cragle Knolls					
20	3	7	305	18,340	754
Paul D McCoy					
109	3	5	285	21,275	714
Harvey Hennip					
Vera	3	6	305	20,982	716
Dale & Donna Bennett					
Fire	4	6	296	12,661	717
Genie	4	2	305	11,703	618
Clyde T Seeley					
Clarise	3	6	305	17,644	717
Bob & Sandy Hollenback					
Kitten	3	7	305	19,450	813
Tom & Diane Elliott					
Edna	3	2	282	15,511	609
Raymond Hoppaugh					
Satin	3	5	302	21,793	769
Almond	3	3	305	18,744	700
Roy & Tim Beardslee					
42	3	6	305	20,815	862
Roof Farms					
Aglo	3	4	305	20,390	785
Bond	3	4	305	18,721	740
Braund Valley Farm					
Pearl	3	5	305	18,704	737
Pixie	3	2	305	15,654	606
Nina	3	2	305	17,203	698

(Turn to Page D15)

FRANK A. FILLIPPO, INC.

— WANTED —

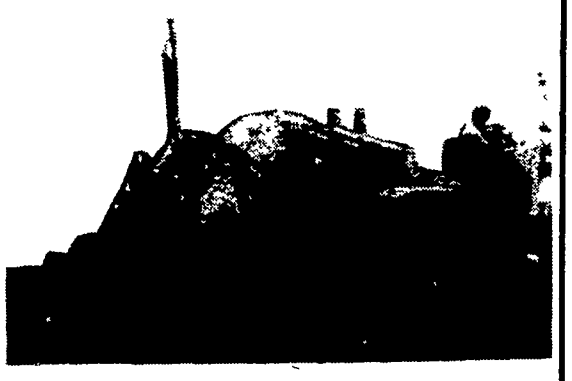
DISABLED & CRIPPLED COWS, BULLS & STEERS

Competitive Prices Paid

Slaughtered under government inspection

Call:
Frank Fillippo -
Residence - 215-666-0725
Elam Ginder - 717-367-3824
C.L. King - 717-786-7229

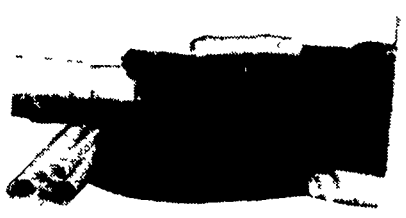
DRAINAGE PROBLEMS?



COCALICO EQUIPMENT HAS THE TWO MACHINES TO HANDLE YOUR DRAINAGE PROBLEMS.
★ Both machines Equipped with Laser Beam Grade Control

Drainage Pays High Returns	
Investment	Typical Annual Return
Land Drainage	21-46%
Farm Buildings	3-23%
Farm Land	11%
Stocks	7 4%
Bonds	6 1%

COMPARE
Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.



★ We Stock Heavy Grade Tubing which Exceeds SCS Specifications. In sizes 4", 6", 8", 10" and 12".

NOW AVAILABLE
15" & 18" Tubing

★ Also Pipe And Fittings For Tile Outlet Terraces.

COCALICO EQUIP. CO.
DRAINAGE & EXCAVATING
RD #3, DENVER, PA 17517 PH: 215-267-3808

PENNSYLVANIA LICA

Bradford Co. DHIA

(Continued from Page D 4)

Matt Will					
Joan Jr	9	7	305	20,578	812
Sharon	9	6	299	18,648	751
Mary	9	7	305	18,732	804
Peanut	9	5	305	19,083	787
Arthur D Wolf					
5	3	8	305	17,773	745
42	3	4	305	19,355	785
Allen S Andrews					
Corrie	3	5	305	21,324	725
James A Van Blarcom					
Kathy	3	5	305	14,960	714
Big	3	3	305	19,627	761
Roy Watson Farm 3					
Heidi	3	4	305	18,263	785
Leona Holsteins					
Burke	3	5	305	15,328	755
Kenneth Walters & Sons					
56	3	3	305	18,389	750
Robert W Cory					
5	3	6	305	17,162	781
Hopps Hill Farm					
48	3	6	305	17,136	719
Whity	3	6	305	18,100	762
Earl J Gamble					
Julie	3	2	280	14,395	651
Ronald P Davis					
Luci	3	5	305	20,985	822
Beth	3	4	305	21,045	864
Willard Fassett					
112	3	3	305	19,064	796
Wilford Heater					
42	3	7	305	19,884	700
Ponder Hill Farms					
Spot	3	4	305	19,320	852
Hugh & Russell Andrus					
46	3	6	305	20,273	769
Donald Jennings Sr					
16	3	4	304	19,938	796
08	3	3	283	16,723	864
Snowcrest Farm					
Alison	3	7	305	20,619	786
Kendall Strawn					
Paula	3	6	305	16,226	737
Lewis & Lois Alderson					
Jackie	3	6	305	24,516	983
Sparky	3	3	305	19,187	766
Dark	3	2	305	17,882	688
W and R VanBlarcom					
87	3	2	305	20,245	734
Gerald W Twigg					
111	3	5	305	17,377	705
66	3	0	305	17,877	873
123	3	2	305	17,835	608
110	3	2	305	14,860	653
Bill & Donna Earls					
Dandy	3	8	305	22,677	724
Manleyview Farms					
Irene	3	2	304	18,770	610
Walter G Wheaton					
46	3	1	305	11,554	428
Harold Warner & Sons					
Knoll	3	5	305	16,888	702
Warren J Roberts					
Barb	3	2	305	15,966	706
Bruce A. Andrien Sr					
Stacie	4	5	305	14,376	714
Calvin Watson Fm	2				
Babs	4	7	305	13,487	720
Blonde	4	4	305	13,541	744
Delhi	4	3	297	13,448	775
Molly	4	2	305	12,926	733

(Turn to Page D6)

Split rate financing

10%

A.P.R. finance charges for the first 11 months

15%

A.P.R. finance charges for the balance of your contract

. . . on purchase of any new Case farm tractor

With Case split rate financing, an Annual Percentage Rate (A.P.R.) of 10% will be applied for the first eleven months of the contract. On the remainder of the contract, the A.P.R. will be 15%. Purchase must be financed through J I Case Credit Corporation.

Example of 10%/15% A.P.R split rate financing on purchase of new Case farm tractor:

Cash price of tractor	$47 500 00*
Down payment — cash and or trade in	14 250 00
Amount financed	$33 250 00
Number of payments	three
Payment at 8th month	$12 952 21
Payment at 20th month	13 674 43
Payment at 32nd month	13 674 43
Total of payments	$40 301 07

Finance charge — $7 051 07

Sales tax as applicable

Insurance charges not included

In this example the composite **ANNUAL PERCENTAGE RATE** for the length of the contract is **12 40%**

or Waiver of finance charges

If you buy **any** of our **new Case** farm tractors or a **used** farm tractor of **any make** . . and finance it through J I Case Credit Corporation . . finance charges will be waived from date of purchase until January 1, 1982.

or $600 rebate

. on purchase of any of our new Case 1190, 1290, 1390, 1490 or 1690 General Purpose tractors Case will send you a check for $600 or you can apply the amount to your down payment on a contract at normal rates NOTE Government Agencies/Departments do not qualify for rebate.

Offers valid July 1, 1981 thru August 31, 1981.

case

• PARTS • SERVICE • RECONDITIONED TRACTORS
• CONVENIENT FINANCING • LEASING • RENTALS

C. H. WALTZ SONS, INC.
RD1, Cogan Station, PA
(717) 435-2921

PAUL SHOVER'S, INC.
35 East Willow St
Carlisle, PA
(717) 243-2686

ZIMMERMAN'S FARM SERVICE
Bethel, PA
(717) 933-4114

C. & P. FULTZ EQUIP.
RD 1,
Spring Mills, PA
(814) 422-8805

T & T SUPPLY, INC.
RD5, Danville, PA
(717) 275-0927
2 mi. S. off Rte. 54

E. W. BILEWICZ EQUIP., INC.
Elmer Rd., Richwood, NJ
(609) 881-2692

A. L. HERR & BRO.
312 Park Ave.
Quarryville, PA
(717) 786-3521

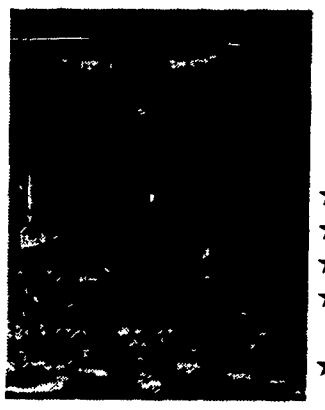
STOUFFER BROS., INC.
1066 Lincoln Way West
Chambersburg, PA
(717) 263-8424

PEOPLES SALES & SERVICE
Oakland Mills, PA
(717) 463-2735

BINKLEY & HURST BROS.
133 Rothsville Station Rd
Lititz, PA
(717) 626-4705

WORRIED
ABOUT FUELISH HEATING BILLS??

SURDIAC Coal Burning Stoves will comfortably heat your entire home for approximately $150 - $250 per heating season!!



This stove remains unexcelled in:

★ BEAUTY
★ QUALITY
★ PERFORMANCE
★ MINIMAL CARE & MAINTENANCE
★ EFFICIENCY

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When a very satisfactory day-to-day operation is a must . . .

With Free Stall Housing modernization Laminated Rafters are the preferred choice Sunlight and proper ventilation without fans combine to provide a desirable working environment, heat and light for winter months and a healthier place for animals And a lot more space for the money

Structural Imagination for Today's Farming

RIGIDPLY RAFTERS
MANUFACTURERS of LAMINATED RAFTERS and WOOD ROOF TRUSSES
RICHLAND RD1 Pennsylvania 17987
OAKLAND RD2 Maryland 21550

Bradford Co. DHIA

(Continued from Page D15)

Jerry Pruyne					
94	3	4	297	18,319	719
Elsbree Bros					
113	3	5	305	18,659	788
Peck Hill Farms					
133	3	8	305	18,334	713
179	3	4	305	20,408	801
Calkins Farm					
Bett	3	2	305	15,986	634
George W Lee					
Kathy	3	4	305	17,468	728
Piercehome Farms					
Mit	3	8	305	15,511	797
Abraham S Derstine					
Bretta	3	3	305	23,686	1031
Avon	3	3	305	26,935	908
Prom	3	2	305	19,771	686
Margo	3	2	305	18,694	609
Halstead Bros					
49	3	5	305	19,490	771
Nancy K Bean					
Blanche	3	5	305	18,761	712
David Page					
Dinah	3	8	305	21,012	709
Windy Mont Farm					
Valenti	3	5	305	21,020	849
Kelly	3	2	305	14,978	665
Charles Allen					
30 G	3	7	305	18,518	748
65 D	3	4	305	17,044	711
Clair R Kilmer					
54	3	5	617	30,326	1379
53	3	3	771	19,346	812
Larry B Wright					
Robin	3	4	305	20,321	851
Parks Knoll Farms					
37	3	7	305	20,659	737
26	3	5	305	20,502	750
Pet Roypa Farm					
Ukulele	3	5	305	17,480	773
England	3	2	305	14,766	635
Stuart Wrisley					
15	3	6	305	20,774	833
Madigan Farms					
Teem	3	6	290	21,361	737
James & Diane Elvidge					
Buffy	3	4	305	16,473	709
Raymond A Scrivens					
73	3	4	305	17,389	700
Clarence Stevens					
Fern	3	11	305	19,071	781
Milly	3	6	305	19,027	806

ZERO TURNING RADIUS MOWERS
DIXON ZTR

DIXON MATCHING OF THE DOLLAR DAYS

Want to know how to cut that moving time in ½?

Want to know how you can eliminate most of your hand trimming? After all that is why you bought your other riding mower in the first place.

Want to know how you can save by matching of the Dollars?

For all the answers to the above questions, call any of the participating Dixon Dealers listed below.

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TANNER LAWN & SNOW
Newtown, PA 18940
(215) 968-3308

CHESTER CO
STOLTZFUS FARM SERVICE
Cochranville, PA. 19330
(215) 593-2407

ROBERT SWISHER
New London, PA. 19360
(215) 869-8760

M.S. YEARSLEY & SON
West Chester, PA 19380
(215) 696-2990

CLINTON CO
BROWN REPAIR SHOP
Lock Haven, PA 17745
(717) 748-6571

DAUPHIN CO.
WILLIAM N. MASIMER
Hershey, PA 17033
(717) 534-1398

HUNTINGTON CO
ROGER WORK SHOP
Three Springs, PA 17264
(814) 448-2474

LANCASTER CO
DOMBACH BROS.
Willow St PA 17584
(717) 464-3011 or 3905

J.B. HOSTETTER & SON
Mount Joy, PA 17522
(717) 653-1841

WAYNE B. HOTTENSTEIN
Manheim, PA 17545
(717) 898-7794

LAWN CARE OF PA.
Martindale, PA. 17549
(215) 445-4541

LEBANON CO
MARTIN'S HARDWARE & EQUIP.
Newmanstown, PA 17173
(717) 949-6817

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PEACHY SAW SHOP
Belleville, PA 17004
(717) 935-2805

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Limerick, PA 19468
(215) 489-2597

WYOMING CO
BRICKHOUSE FARM LAWN & GARDEN
Lacyville PA 18623
(717) 869-1871

YORK CO.
CHARLIE'S SALES & SERVICE
Brogue, PA. 17309
(717) 927-6500

NEIMAN EQUIP. CO.
Dover, PA 17315
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W.C. LITTLETON
Laurel, DEL 19956
(302) 875-7445

CARROLL CO.
RIDGE CABINET SHOP
Mt Airy, MD. 21771
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(home) 875-2147

CECIL CO
CHARLES MOWER SERVICE
Elkton, MD 21921
(301) 398-0777

KENT CO
KINGSTOWN TRACTOR
Chestertown, MD 21620
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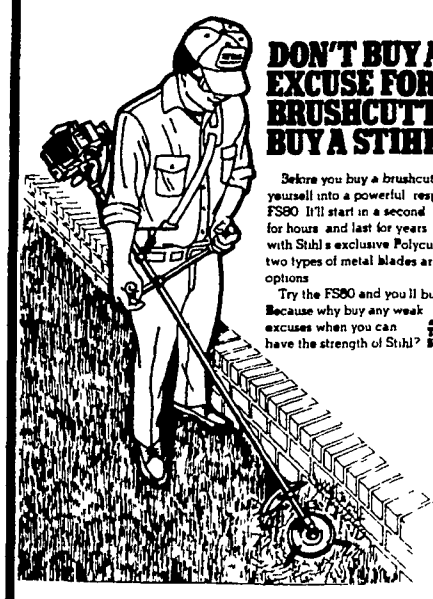
WASHINGTON CO
HALLEMAN SMALL ENGINES
Clear Spring MD 21722
(301) 842 3543

MONTGOMERY CO
PROMOWER INC.
Rockville MD 20850
(301) 948 6920

If there is no dealer in your area call Lawn Care Distributors - 215-445-4541



DON'T BUY A WEAK EXCUSE FOR A BRUSHCUTTER. BUY A STIHL FS80.

Before you buy a brushcutter buckle yourself into a powerful responsive Stihl FS80 It'll start in a second be comfortable for hours and last for years Comes standard with Stihl's exclusive Polycut™ head And two types of metal blades are available as options

Try the FS80 and you'll buy the FS80 Because why buy any weak excuses when you can have the strength of Stihl?

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RD Gap PA Box 183
1 Mile North Rt 897 From Gap

A & B SALES & SERVICE
2 Miles South of Rt 23 Along 772
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NORMAN H. ZIMMERMAN
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Phone (717) 866-4695
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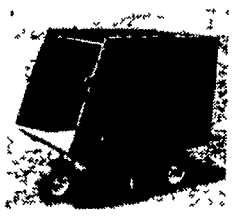
Phone (717) 738-4215
Ephrata Exit New Rt 222
½ Mile West on Rt 322
Turn left unto Pleasant Valley Rd

SILAGE AND FEED CARTS



34" Wide, 62" Long, 53" high, capacity (to feed 35 to 40 Cows.)
16" Ball Bearing wheels
For very easy handling

28" wide, 60" long, 35" high, capacity 600 lbs.
Choice of 10" pneumatic or semi-pneumatic wheels

MANY OTHER SIZES AVAILABLE

We Also Manufacture Swivel Casters for 16", 12" and 10" wheels

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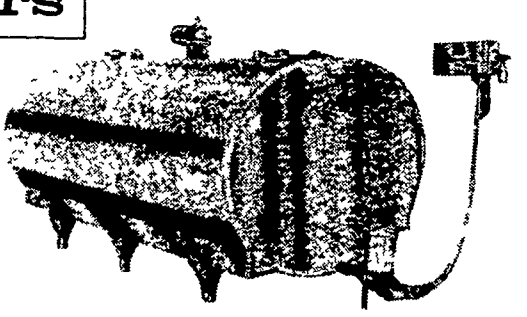
MUELLER Bulk Milk Coolers

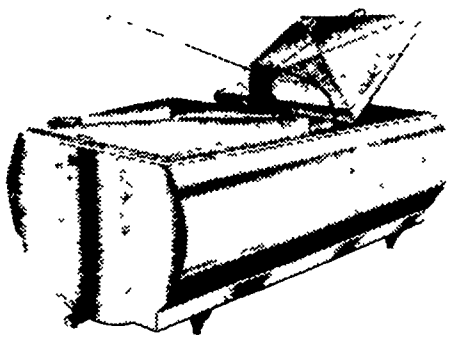
MUELLER HiPerForm

The Mueller Model "OH" with HiPerForm cooling, Mueller-Matic Automatic Washing System, and built-in freezer protection control is the most advanced bulk milk cooler in the world. The nation's most progressive dairymen are using it. Shouldn't you be?

THE ALL STAINLESS STEEL MODEL-C FRE-HEATER FOR ALL BUNK TANKS



ASK US ABOUT LEASE or LEASE PURCHASE ON MILK TANKS



THE MUELLER MODELS OH, MHL, AND MW WITH HIPERFORM MAKE ALL OTHER BULK MILK COOLERS OBSOLETE
SEE THE MUELLER NEW MODELS
★ 500 MW ★ 600 MW

The "MW" is one of the Lowest pouring Height Bulk tanks Check with us all the new features on the "MW" bulk tank.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller "OH" "MHL", and "MW" you may be buying an obsolete cooler

USED TANKS

400 Gal. D-4 Girton, like new
500 Gal. D-2 Girton
500 Gal. Milkeeper
1000 Gal. Girton
400 Gal. Esco
425 Gal. Esco
500 Gal. Esco
600 Gal. Esco
800 Gal. Esco
400 Gal. Dari-Kool
500 Gal. Dari-Kool SOLD
400 Gal. "MHL" Mueller

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WE ARE ONE OF THE ORIGINAL MUELLER DEALERS

Box 67, Intercourse, PA 17543
Phone: 717-768-9006 or 768-7111
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24 HOUR SERVICE

Huntingdon County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

May 1981
TOP 15 HERDS IN FAT LBS.

OWNER	BREED	NO. COWS	COW DAYS IN MILK	FAT LBS.
John S. Kyper	B3	28.0	61 1	2 21
Globe Run Farms	3	63 0	96 1	2 20
Joseph M McMath	3	48.1	92 3	2 18
Howard & Nancy Wiggins	B3	69.4	90.2	2 12
Branstetter Farms	B3	90.3	89 4	2 06
Sidney R. Ormsby	B3	59 0	83 1	2 02
Gillbrook Farms	B3	159.8	94 4	2 01
Gerald McMath	B3	64.4	92 3	1 99
Evergreen Farm No 3	3	353 8	86 6	1 99
N & N Farm	B3	87.1	92 4	1 95
Roland G. Yoder	3	85 8	94 3	1 94
Glenn Peachey	3	70.8	84.3	1 93
Daland Farms	3	98 9	88 3	1.89
State Correctional	B3	161.8	83.4	1.86
Gibboney Farms	3	56.2	83.7	1.85

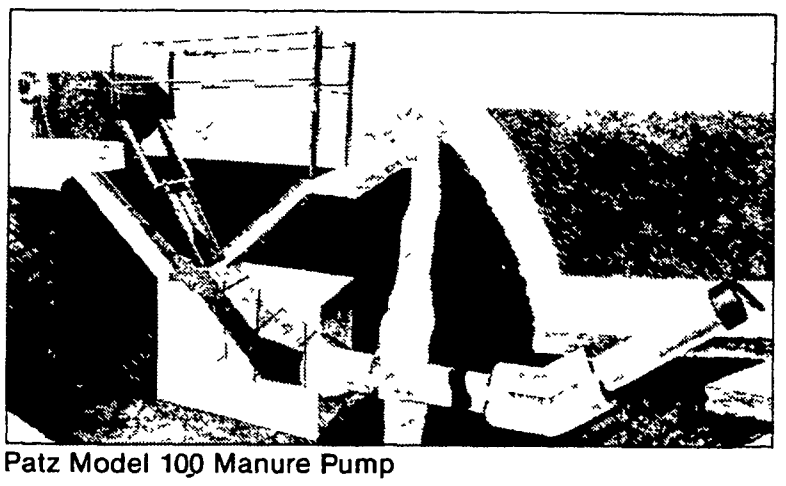
TOP 15 HERDS IN MILK LBS.

John S. Kyper	B3	28.0	90 8	61.1
Globe Run Farms	3	63.0	96.1	60.0
Howard & Nancy Wiggens	B3	69.4	90.2	58.5
Gerald McMath	B3	64.4	92.3	57.8
Joseph McMath	3	48.1	92.3	57.5
Branstetter Farms	B3	90.3	89.4	56 0
Max Isenberg	B3	72.0	93.5	53.7
Sidney R. Ormsby	B3	59.0	83.1	52.8
Raymond Tussey	B3	31.0	94.6	52.4
N & N Farm	B3	87.1	92.4	52 3
Daland Farms	3	98.9	88.3	52.2
Gillbrook Farms	B3	159.8	94.4	51.9
Glenn M. Smith	B3	34.0	90.9	51 7
Roland G. Yoder	3	85.8	94.3	51.5
Lakevue Farm	B3	101.2	87.9	51.0

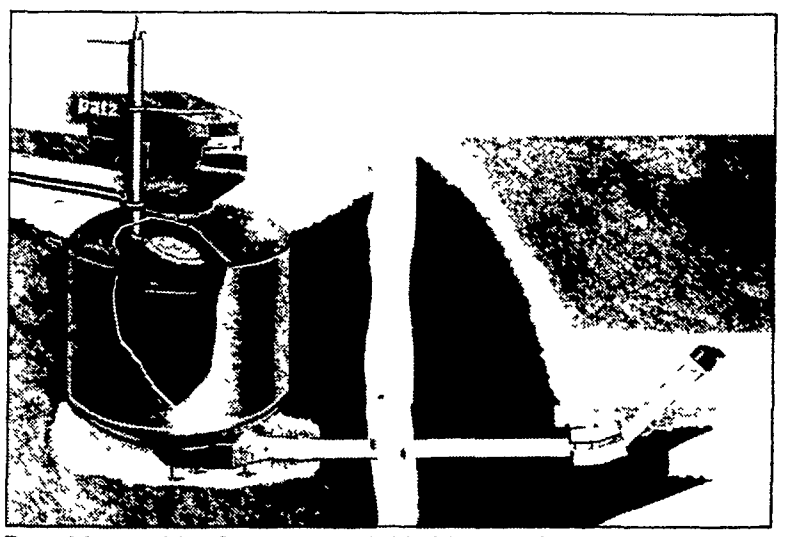
OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS.
Branstetter Farms					
Columbi	3	6-8	305	28,462	1123
Daland Farms					
Rach	3	4-3	305	23,079	898
Rosalyn	3	4-8	305	23,826	860
Effie	3	3-4	305	19,089	746
Tess	3	3-5	300	18,792	714
Glenn E. Houck					
OR 80	3	5-10	305	24,814	889
OR 98	3	5-0	305	21,518	849
2	3	3-1	305	18,418	767
132	3	3-5	305	21,466	711
177	3	2-2	305	15,286	626
OR 62	3	6-6	305	19,530	615
OR 10	3	8-5	305	18,683	590
521	3	10-7	305	16,685	574
Globe Run Farm					
Helga	3	5-9	305	18,212	858
Sidney R. Ormsby					
45 Berni	3	4-8	305	21,110	850
63 Evie	3	4-10	305	19,751	775
6 Ona	3	4-1	305	15,615	724
62 Honey	3	3-3	305	17,156	644
69 T L	3	2-5	305	16,266	608
Evergreen Farm No. 3					
956	3	5-1	305	17,422	830
694	3	7-1	305	22,930	824
1311	3	2-6	305	18,844	812
943	3	5-0	305	18,991	757
666	3	7-4	305	18,460	753
1165	3	2-11	305	18,979	726
1160	3	3-1	303	18,579	725
1181	3	4-11	305	20,263	724
1309	3	2-6	305	18,793	724
676	3	7-6	305	16,781	712
838	3	6-0	303	19,355	706

(Turn to Page D18)

THE PATZ SOLUTION:



Patz Model 100 Manure Pump



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Controlled Manure Management

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The **Model 100** manure pump handles free flowing manure and slurry with fine cut bedding. Both the plunger and plunger sleeve can be serviced without concrete breakup. And a flapper valve at the end of the 12-inch PVC pipe in the storage facility prevents manure backup.

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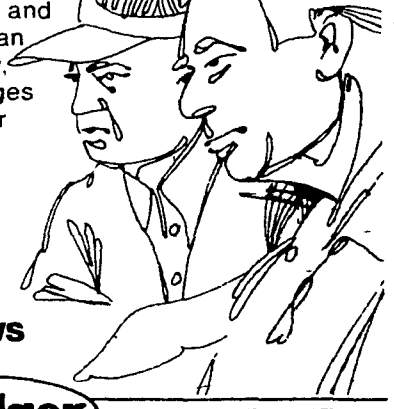

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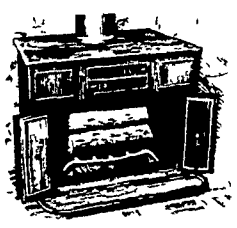
(Continued from Page D17)

Evergreen Farms No 3					
838	3	6-0	303	19,355	706
61	3	4-10	279	16,371	696
1045	3	4-6	294	19,915	690
973	3	5-7	279	15,372	663
455	3	9-7	305	14,549	617
Durbin Farms					
Rachel	3	6-7	305	23,259	804
Stacy	3	8-11	305	18,364	675
Sue	3	6-0	305	18,454	661
Radar	3	8-11	305	16,674	651
Gawk	3	4-2	305	17,424	641
Prunell	3	5-0	305	19,058	596
Gillbrook Farms (3 times/day)					
HS 296	3	7 4	305	19,216	809
JG1358	3	4-5	305	23,083	806
TV1324	3	6 6	305	17,601	733
TB1329	3	7-4	305	20,496	682
PV1384	3	4-0	257	17,442	657
CS 1364	3	2-1	277	17,257	594
ACC1402	3	6-7	295	17,435	547
Willard Yoder					
7	3	5-4	305	22,024	799
250	3	4-6	305	19,346	760
115	3	3-1	305	17,945	684
000	3	2-9	305	16,777	649
100	3	3-1	305	16,781	639
Harold A Moyer					
221	3	5-7	305	18,995	799
68	3	6-4	305	18,581	721
97	3	6-5	305	16,988	638
158	3	3-1	305	14,433	613
121	3	3-10	305	16,479	610
Roland G Yoder					
Edna	3	6-6	305	15,760	791
Rosie	3	2-10	305	14,559	628
Betty	3	2-6	305	13,865	605
Harry/John Keith					
Babe	3	4-3	305	19,887	769
Amy	3	4-7	305	14,434	608
Sangrey Bros					
4Sisy	3	5-1	304	21,034	756
135Daff	3	6-9	305	21,523	751
30Arin	3	4-8	305	18,253	744
139Bula	3	5-9	305	18,629	643
Edwin Steach					
Janice	3	6-5	300	19,632	752
Millie	3	6-7	305	20,379	675
Jean	3	3-10	305	15,287	605
Gwen	3	7-11	305	18,253	602
J Frederick Kyper					
Lady	3	7-7	305	18,004	748
Glenn M Smith					
Kathy	3	3-0	305	18,561	744
Bee	3	3-1	305	21,662	494
Gerald E McMath					
Lu	3	6-2	305	17,721	744
Torro	3	3 9	305	20,907	706
Doris	3	3 1	305	16,102	627
E James McMath					
Cora	3	6-10	305	21,446	743
Gay	3	5-7	305	16,017	641
Desie	3	7 9	305	17,309	586
Betty	3	5-7	305	17,851	582
Gibboney Farms					
Ruby	3	3-11	287	18,311	734
Tam	3	2-5	305	18,684	692
Howard/Nancy Wiggins					
86Becky	3	5 4	305	22,848	728
72Helen	3	5-2	305	17,080	690
4Hdssh	3	1-11	305	20,630	669
Behrer Farms					
44	3	4-5	305	19,390	724
211	3	3-1	305	15,531	699
85	3	1-10	301	19,656	679
25	3	6 6	305	17,380	660
88	3	5-1	305	15,995	615
48	3	4-3	301	15,662	608
226	3	2-0	305	17,792	600
Breezy Hollow Farm					
Golden	3	3 5	305	20,375	710
Virginia	3	3-0	305	19,821	625
John W Middaugh					
April	3	6 0	305	16,200	708
State Correctional					
302	3	3-11	305	19,580	701
209	3	6-4	305	15,491	681
333	3	2-9	305	17,382	663
5915	3	5 0	305	16,059	641
299	3	3-1	282	14,841	628
315	3	2-11	303	14,443	615
John S Kyper					
46	3	3-7	305	20,045	698
Locust Lane Farm					
O 55	3	4-9	305	21,062	696
Glenn Peachey					
Edna	3	4-7	305	17,788	689
Honey	3	3 2	279	10,867	490
Zoro	3	3-0	271	10,983	476
Fonda	3	4-2	263	12,704	473
Chester/Carole Smith					
42	3	6-4	305	16,828	678
45	3	5-3	304	19,030	672
A 8	3	4 10	305	17,727	648
Stu-Bon Farm					
012	3	5-1	305	15,906	661
Hawn Brothers					
Daisy	3	7 6	305	17,793	659
Eberle Brothers					
Melinda	3	5 1	305	20,552	656
Viola	3	3 3	297	18,803	628
Collen	3	3-5	305	18,124	612
Lakevue Farm					
Jerri	3	3 1	305	17,228	656
Dawn	3	6-5	305	17,523	609
Tearose	3	5-6	305	20,063	587
Lynn	8	3-2	305	17,107	486
Harold Book					
4	3	6-9	305	16,157	655
27	3	5-8	305	17,893	623
Jim/Kim Grove					
29	3	5-11	305	17,627	637
Paul D Powell					
21	3	8-8	305	17,383	628
Philip A Yohn					
9314	3	4-4	305	16,711	627
9367	3	5-8	305	17,786	603
James O Clark					
19	3	3-5	305	16,982	625
Geary E Shade					
P-IRIS	3	5-7	305	17,104	613
Tracy	3	8-9	305	21,786	589
Natalie	3	2-3	305	17,631	416
Gensimore Farms Inc					
53	3	10-1	305	15,558	608
88	3	8-8	305	18,442	588
E. Vance Thompson					
153	3	3-6	305	16,999	605
Blacklog Mountain Fm					
Dana	3	7-0	305	17,928	595
Joseph C Knarr					
58	3	3 10	291	13,524	575
108	3	3-3	305	15,201	487
72	3	2-7	305	13,724	421
Joseph H Hicks					
83	3	6 11	294	18,157	544

Attend Grassland Congress

A Pennsylvania delegation attended the 14th International Grassland Congress, which was held last month on the University of Kentucky campus. A total of 1200 participated in the Congress program of technical reports and a forum of farmers who discussed their forage programs

From the left, the Commonwealth delegation includes Fred Lepley and John Itle, Hoffman Seeds; Gladys and Joe Hartle, top producer in the 1980 Pa. Alfalfa Growers Program; Betty and Harold Gayman, 1981 president of the Pennsylvania Forage and Grassland Council



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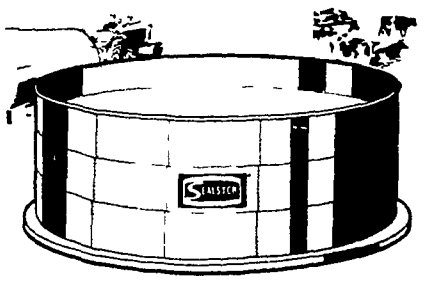

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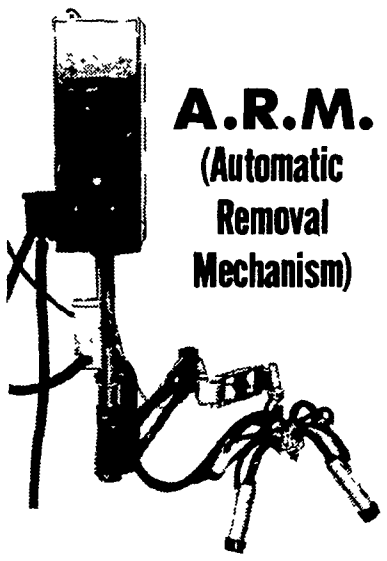

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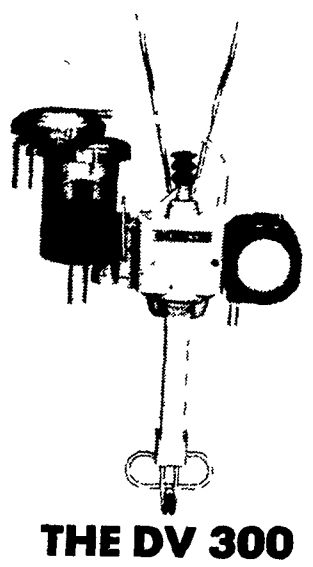

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Thousands of exotic birds don't make import grade

NEW YORK, N.Y. — Of the 700,849 cage birds that entered the United States during 1980 through commercial or federal quarantine stations, only 6,810 were refused entry because of exotic Newcastle disease, a U.S. Department of Agriculture veterinarian said.

Dr. Sam Richeson, veterinarian in charge of avian imports for USDA's Animal and Plant Health Inspection Service, also said 27,753 birds were dead on arrival at the quarantine stations and 74,911 died during the mandatory 30-day quarantine period from a multitude of causes.

During this time, Richeson said, 2,285 personally owned pet birds were brought into the country through nine special USDA import stations. Of these pet birds, 18 died during quarantine or were refused entry because of exotic Newcastle disease.

Another 2,673 exotic birds were abandoned at the border or seized by U.S. Customs Service agents. Of these, 1,345 were held in quarantine for at least 45 days and sold at auction or donated to zoos. The rest died during quarantine or were destroyed because they were infected with exotic Newcastle disease.

Exotic Newcastle disease is not a health hazard to people who eat poultry and eggs, Richeson said. However, it can cause a transitory eye inflammation or flu-like symptoms in people who handle diseased birds.

Although exotic Newcastle disease affects all birds, it is most damaging to poultry. It can kill all the birds in an infected flock, Richeson said.

The disease will kill many types of pet birds, but others can become infected without showing any signs of the disease. These birds, Richeson said, can carry the virus and shed the infection—thereby posing a constant threat to poultry and other birds.

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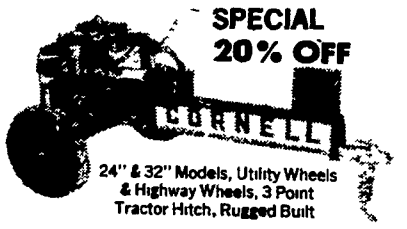

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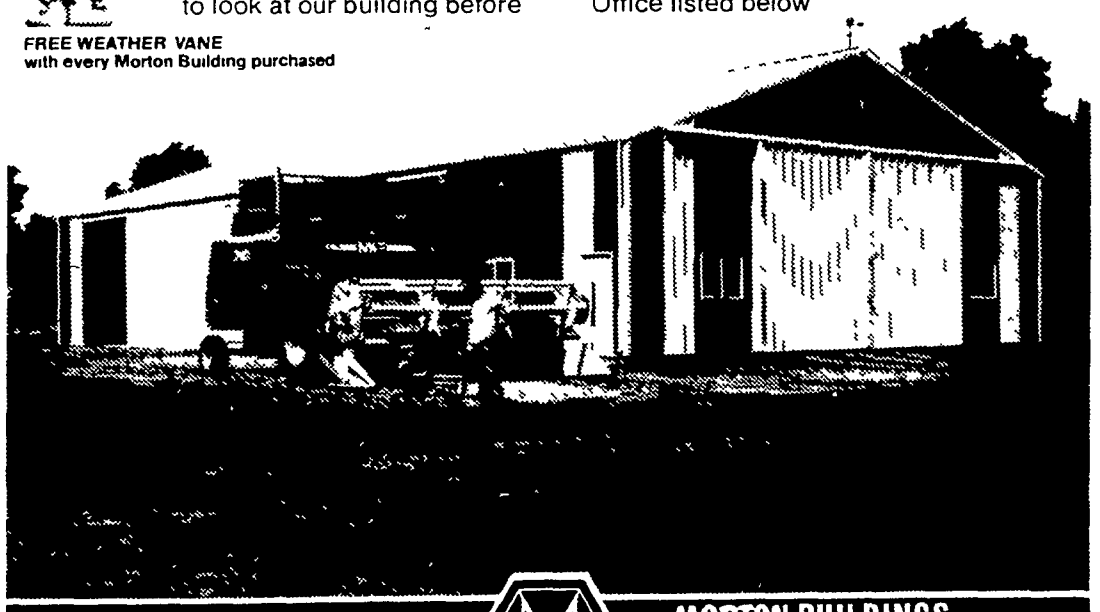
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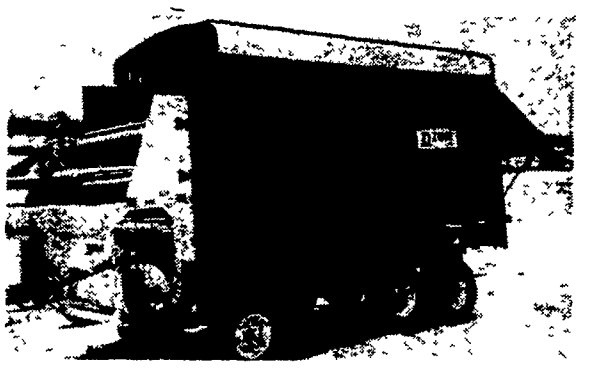
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Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

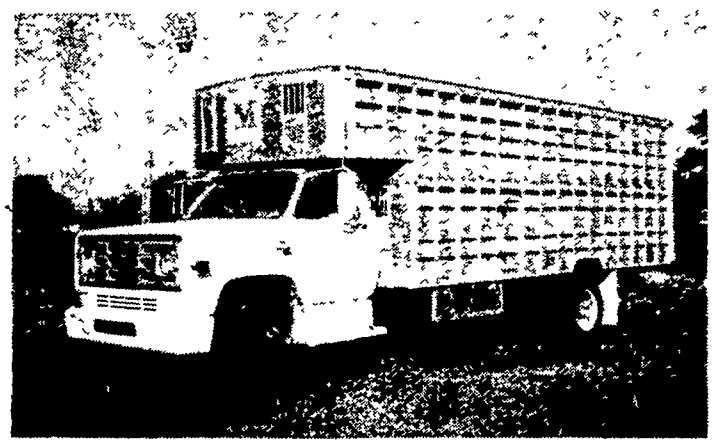
May 1981

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS. MILK		LBS FAT
Piney Lane Guernseys	2	53 0	151 9	72 3	5 2	3 74
Noel & Holmes	3	59 9	96 1	60 9	4 0	2 43
Leroy Deputy	B3	121 0	92 1	61 2	3 6	2 19
M J Starner & Sons	3	104 6	94 5	51 0	4 2	2 15
George I Lauchman	B3	34 2	98 8	56 3	3 8	2 12
Weim Sharr Farms	3	63 7	89 5	58 8	3 6	2 11
Ray Dutterer	G3	57 0	97 0	54.7	3 7	2 03
Piney Lane Guernseys	2	54 3	88.4	39 2	5 1	2.00
Stoner Bros Dairy	B3	67 8	92 8	51 6	3 8	1.98
Piney Lane Guernseys	2	51 6	89 9	41 3	4 8	1 98
M J Starner & Sons	B3	111 4	91 6	49 2	4 0	1 98
Eugene Witter	B3	61 9	95 7	50 9	3 9	1 97
William Myers	B3	37.5	94 1	56 9	3 4	1 96
Brown Valley Farm	3	73 4	88 4	53 0	3 7	1 95
Yelow-Buttercup Farm	3	118 1	91 7	48 2	4 0	1 95
Richard K Herr	B3	95 1	92 4	51 9	3 7	1 90
Penn Gate Farm	3	40 6	89 1	48 4	3 8	1 86
Kling Ayr Farms	3	35 9	83 5	49 5	3 7	1 85
El Rho Farm	3	48 0	82 2	50 9	3 6	1 85
John J Hess	B3	103 1	89 9	47 8	3 8	1 82
William Myers	B3	37 0	87 7	52 3	3 4	1 77
William C Mearns Jr	B3	90 0	80 4	46 3	3 8	1 77
Claude Holmes Jr	3	34 4	89 4	48 7	3 6	1 77
Oscar E Mehring	B8	34 1	90 3	48 5	3 6	1 76
Buttonwood Farms	3	111 0	88 7	47 3	3 7	1 75
Way Brite Farms	B3	121 0	90 5	42 3	4 1	1 75
Adam F Lobaugh	3	41 0	82 6	48 3	3 6	1 74
Donald Todt	B3	49 2	94 8	47 6	3 7	1 74
Lagging Stream Farm	B3	113 9	82 6	43 8	3 9	1 73
Grn Manor Guernseys	B2	18 3	86 8	36 9	4 7	1 73
Leroy Basehoar	B3	63 6	87 1	44 8	3 8	1 72
Ber Crk	3	57 3	87 7	48 3	3 6	1 72
Kraybill Miller	B3	47 0	90 2	48 3	3 5	1 71
Grove Bros	B3	77 1	91 5	47 4	3 6	1 69
Grn Manor Guernseys	2	18 8	82 8	34 9	4 8	1 68
Roy A Weaner, Jr	3	58 2	76 9	40 3	4 1	1 67
Getty Acres	B3	163 2	86 8	46 3	3 6	1 65
Robel Acres	3	103 7	88 3	46 4	3.5	1.64
William G Inskip	B3	56 3	92 9	43 7	3.8	1.64
Wayne H Rodgers	B3	83 5	85 4	41 5	3.9	1 61
Wayne H Rodgers	3	82 9	83 7	42.7	3 8	1 61
Zeppdale Farms	3	102 2	85.9	45 7	3 4	1 56
H & W Farms	3	51 8	91 5	40 2	3 9	1 55
J Howard Stiles	4	62 2	93 0	31 7	4 8	1 53
James E Miller	2	38 0	84 7	33 6	4.5	1 50
Stone Manor Dairy	3	49 8	87 4	41 1	3.6	1 49
Pleasent Acres	B3	53 0	87 0	37 8	3.9	1 48
Frank Ludwig	B3	35 0	83 4	38 0	3.9	1.47
M R & C S. Durboraw	B3	48 3	80 1	36 9	4.0	1 46
Pennstead Farm	3	41 0	94 9	38 9	3.7	1.44
Rhodes Enterprises	B3	98 8	87 6	42 2	3 4	1 43
Shamrock Farm	B3	54 8	89 3	38 3	3.7	1 42
Kehr Acres	3	73 7	86 7	37 7	3 7	1 39
M R & C S. Durboraw	B3	49 4	84 3	34 8	4 0	1 38
Rinker Bros	G3	36 7	85 7	36 0	3.8	1 37
Richard Mills	G3	48 4	75 2	33 5	4.1	1 36
Robert & Linda Meyers	B3	61 1	86 1	38 6	3.5	1 36
Terrence P Murren	2	19 5	84 1	27 5	4.9	1 36
Robert L Rohrbaugh	B3	64 8	79 8	37 8	3 5	1 34

(Turn to Page D22)

M.H. EBY, INC.

Manufacturer of All Aluminum Truck Bodies
Livestock, Grain & Bulk Feed



Aluminum Livestock Body

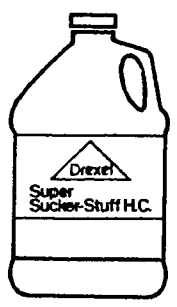
Distributor of TIMPTE Refrigerated Trailers
Sales & Service
Blue Ball, Pa. 717-354-4971

TOBACCO

SUPER SUCKER-STUFF H.C.
Available Now,

1 Gallon Per Acre.

Order Now & SAVE!



2¼ lb. K-MH

CUSTOM SPRAYING

Two high clearance tractor sprayers equipped especially for tobacco - 3 cone tips per row to insure maximum leaf area coverage.

We are ready for any spraying needs as they arise in Lancaster County's tobacco crop.

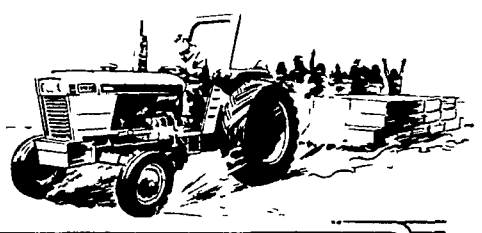
Call us for field inspections and line up your spraying needs.

ORGANIC PLANT FOOD CO.

BULK BLENDS
MASTER FARMER
ANHYDROUS AMMONIA

2313 NORMAN ROAD,
LANCASTER, PA
PHONE: 717-397-5152
Hours Monday thru Friday 7 to 4
Closed Saturdays during July and August

FRANKLIN CO. TRACTOR PULLERS ASSOC.



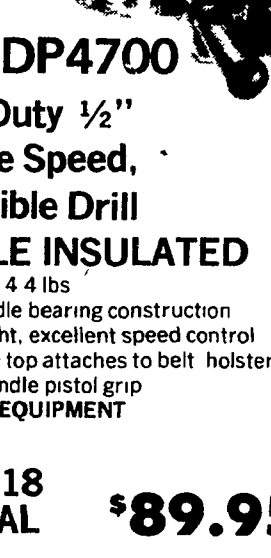
TRACTOR PULLING CONTEST

1981 Pull Schedule

MINI & 4 W.D	BIG TRACTORS
Sept. 4	* July 24
	July 31 Stock & Antique
* PULLS ARE PTPA SANCTIONED	* August 8

Starting Time 6:30 P.M.
Further Information Call 717-264-8631

COMPLETE FARM PAINTING



INDUSTRIAL RESIDENTIAL
COMMERCIAL

We Use Quality Paint
AERIAL LADDER EQUIPMENT

- Modern and Efficient Method
- Reasonable Prices
- Spray-On and Brush In Method
- Sandblasting if Necessary

For Free Estimates Write or Call:
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SPRAY-ON AND BRUSH-IN PAINTER
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Ronks, PA 17572

July Specials on Makita

Sale Ends July 31, 1981

MODEL 9005B Heavy Duty 5" Sander Grinder DOUBLE INSULATED

- Heavy duty 9 4AMP 10,000RMP motor
- Equipped with AC/DC lock on switch
- Spindle lock for easy wheel change
- Side handle can be installed on either side
- Spindle is standard 5/8" 11 UNC

STANDARD EQUIPMENT
Grinding wheel, wheel guard side handle flange lock nut, wrench

List $138 SPECIAL $91.75

MODEL DP4700 Heavy Duty ½" Variable Speed, Reversible Drill DOUBLE INSULATED

- 0 550RPM 4 4 lbs
- Ball & needle bearing construction
- Light weight, excellent speed control
- Hip clip on top attaches to belt holster etc
- Easy to handle pistol grip

STANDARD EQUIPMENT
Side handle

List $118 SPECIAL $89.95

MODEL JR3000 Heavy Duty Two Speed Recipro Saw w/Case DOUBLE INSULATED

- Powerful 2-speed reciprocating saw
- Full 1 3/16 stroke for fast cutting
- Ideal speed for wood or metal

STANDARD EQUIPMENT
3 blades hex wrench

List $144 SPECIAL $95.45

MODEL DA3000 Heavy Duty 3/8" Angle Drill 1400RPM DOUBLE INSULATED

- Designed for work in tight areas close drilling on flush work
- Most versatile 3/8" angle drill
- Paddle switch for easy handling
- Ball and needle bearings
- Safety lock for added safety
- Lightweight for one hand operation

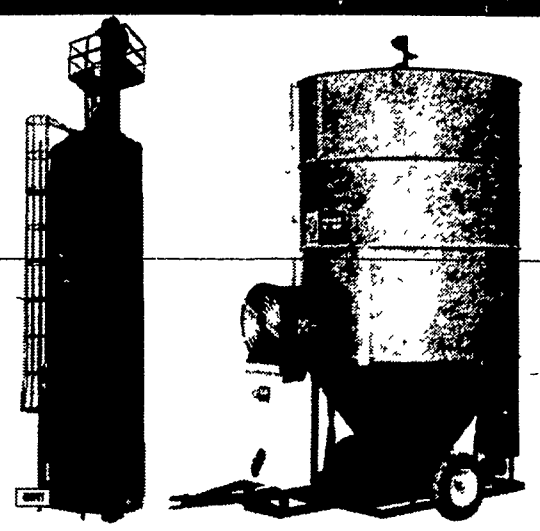
List $140 SPECIAL $99.95

BLUE BALL MACHINE WORKS
Box 716, Rt. 322 Blue Ball, PA 17506 717-354-4478

GRAIN DRYING SYSTEMS

Order Before July 31, 1981 and Avoid:

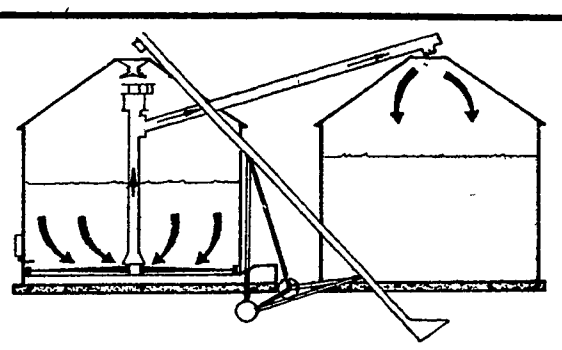
★ Installation cost increase ★ Assure scheduled delivery



MEYER MORTON PORTABLE AND COMMERCIAL DRYERS

- Continuous Flow or Batch Operation
- PTO or Electric Drives
- Capacities Up to 24,000 bu./day

Prices starting at **$6495**

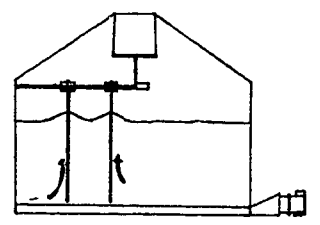


FLOW MOOR CONTINUOUS FLOW

- Medium and High Temperature Drying
- Capacities up to 6280 bu./day

Prices for complete GSI Bin and Drying System start at

$9720

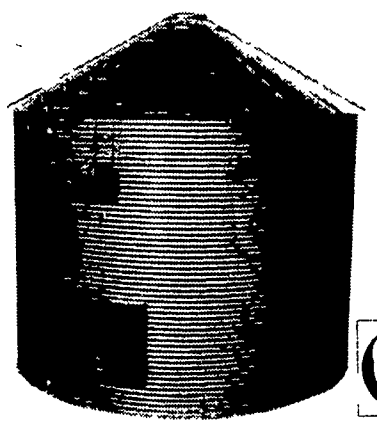


BATCH SYSTEM WITH STIRWAY

- Natural Air to 160° Operating Temperatures
- Capacities up to 6427 bu./day

Prices for complete GSI Bin and Complete Drying System Start at

$7088



LOW TEMP-AIR DRYING SYSTEM

- Lowest Equipment Cost, lowest Operating Cost
- Capacities up to 2368 bu./day

Prices for GSI Bin and Complete Drying System Start At

$5684

ADVANTAGES OF USING THE MARTIN LOW TEMP SYSTEM

1. Dry the way you want with just the flip of a switch.
2. Electric is not wasted by running the fan when the natural air is not drying grain.
3. Cost of LP gas heat is 3 times cheaper than electric heaters or electric drying bulbs.
4. At any time more heat can be applied by the turn of a valve to remove excessive moisture which is giving a problem.
5. Static pressure gauge reveals volume & air going through the grain.

4 DIFFERENT SETTINGS

1. Automatic-Fan Only: fan only runs when the natural air will dry grain.
2. Manual-Fan Only: Fan runs all the time by passing automatic controls.
3. Automatic-Fan & Heater: Fan runs continuous. Heater is normally off, but will add only 7% of heat when natural air will not dry grain.
4. Manual-Fan & Heater: Fan runs continuous. Heater is operated by the thermostat located underneath the floor of the bin.

LET ONE OF OUR COMPETANT SALESMAN ANALYZE YOUR DRYING NEEDS.

For Free Information on a System Designed to Meet Your Specific Needs, Call or Write:

SECONDARY SALE ON GRAIN BINS, FLOORS, FANS & HEATERS
In Warranty - Slight Imperfections, Limited Quantity

FREE INFORMATION

PLEASE SEND INFORMATION & PRICES ON THE FOLLOWING ITEMS:

—Martin Low Temp —Continuous Flow Dryers
__Portable Batch Dryers
__Air Drying Systems
__ Storage Bins
__ Hopper Tanks
__ Transport Auger
__ Grain Cleaner
__ Bucket Elevators
__ Dump Pit
__ U Trough Auger
__ Chain Conveyor
__ Mix-Mill Feed Factory
__ Mix-Mill Grinder Mixer
__ Automatic Mill System
__ Pneumatic Feed Blower
__ Soybean & Corn Roaster
__ Feed Tanks
__ Feed Auger System
__ Flex Augers
__ Ag Fuel Systems
__ Others _____

Name _____
Address _____
City _____
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MARTIN DISTRIBUTORS, INC.

R1, Lebanon, PA 17042
Phone 717-866-4906
or 717-866-4555

USDA revises foreign sales allocation

WASHINGTON, D.C. — The U.S. Department of Agriculture recently revised Public Law 480 commodity and concessional sales allocations to foreign countries for fiscal year 1981.

Under Secretary of Agriculture Seeley Lodwick said the revised program plans provide for distribution of $762.4 million in planned commodity shipments. Eighty-three percent of the food aid commodities is programed to countries within the poverty criteria established by the International Development Association, currently $680 annual per capita income or less.

Country allocations which have been changed include the Title I/III allocation for Egypt, which has been reduced to 275 million; this maintains the commodity level of 1.5 million metric tons. This reduction is due to Egyptian purchases of lower priced wheat. The allocation for Nicaragua also was reduced. Due to reduced import requirements, the allocation for Bolivia was deleted. A 20-million allocation to Morocco was approved recently to aid in overcoming the large deficit caused by a prolonged drought.

On June 19, President Reagan transmitted to Congress a deferral of 13 million in funding for the Title I/III program. A 9-million savings was realized due to a reduction in the estimated ocean freight differential. The remaining 4 million is a reduction to 762.4 million in the level of funding available for commodity programming.

Among other factors, Lodwick said the program takes into account variations in commodity and budget availabilities in the United States and in participating countries; changing economic and foreign policy situations, including human rights assessments; potential for market development; fluctuations in commodity prices; availability of handling, storage, and distribution facilities; and possible disincentives to local production.

Except for agreements already signed, the country and commodity allocations announced do not represent final U.S. government commitments. Each program must still be reviewed and approved prior to negotiations with individual recipient countries before final U.S. Government agreements are signed.

For further information about the revised allocations, contact Juanita Lambert, 202/447-2719.

Block plans fall trip to Far East

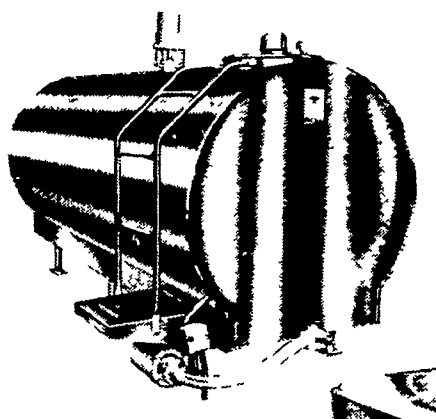
WASHINGTON, D.C. — Secretary of Agriculture John R. Block is scheduled this fall to travel to the Far East to discuss agricultural trade and related matters with his counterparts in Japan, Korea, China, Singapore and Malaysia.

Tentatively, he will leave Washington September 25 and return October 9.

In Singapore, Block will open a five-day conference of agricultural counselors and attaches stationed at U.S. embassies in the East Asian and Pacific area. The conference will cover trade problems and U.S. Objectives in these overseas markets.

Bulk Tanks, with something in common . . .

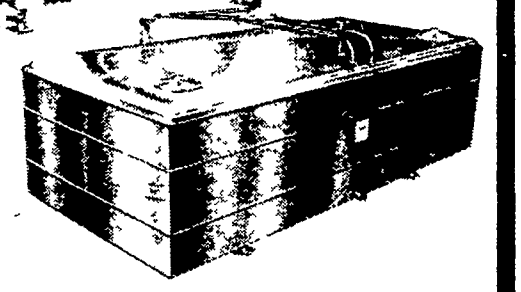
PERFORMANCE!



D-5 AMBASSADOR
500 To 6000 Gal. Sizes

GIRTON Dairy Equipment

D-4 DIPLOMAT
200 To 1000 Gal. Sizes



If you're after the best value in a farm milk cooler, then you're looking in the right place Girton Farm Tanks have always been known as the quality line - the "Cadillacs" of the industry Over the past ten years, thousands of installations have been made - each one adding to this quality reputation

- FULLY-FLOODED GIRTON COLD PLATE
- STAINLESS STEEL CONSTRUCTION
- CAN USE R-12 OR R-22 REFRIGERANT
- URETHANE (FOAMED IN PLACE) INSULATION

—GIRTON MANUFACTURING COMPANY—

SMUCKER'S SALES & SERVICE, INC.

RD 2, Box 21, New Holland, PA 17557
717-354-4158, If no answer 717-354-4374
We will do your refrigeration installments and service
Sub contract with Titus H. Horning

Adams Co. DHIA

(Continued from Page D20)

MAY HONOR ROLL LACTATIONS

All complete lactatons of 600 lbs fat or more

OWNER NAME OR NO.		AGE AT CALVING	DAYS IN MILK	LBS. MILK		LBS. FAT
Noel & Holmes						
Lori	3	9-5	289	19,459	3 7	721
Geena	3	4-11	305	23,401	3 9	901
Bryna	3	2-3	305	15,906	4 2	672
Stoner Bros Dairy						
Addie	3	7-11	273	18,032	3 8	689
Hippy	3	4-6	305	18,343	4 4	800
Tammy	3	3-5	305	15,698	4 1	640
61	3	1-11	305	15,146	4 3	657
Brown Valley Farm						
Victory	3	8-2	305	19,808	3 8	755
Katty	3	5-3	303	18,723	4 5	837
Ottie	3	5-4	305	21,045	3 6	761
Annie	3	4-2	305	20,762	4 1	844
Nippy	3	3-0	305	17,838	3 5	625
Angie	3	2-0	305	18,885	3 6	674
Penn Gate Farm						
29	3	5-1	305	16,470	3 7	607
16	3	5-10	305	18,838	3 5	668
Adam F LoBaugh						
Oriolla	3	5-9	305	19,180	3 9	751
137	3	3-4	305	14,309	4 6	654
Robel Acres						
137	3	3-4	305	14,309	4 6	654
Piney Lane Guernseys						
Pizzaro	2	4-2	305	12,599	5 0	622
Pandy	2	2-0	305	12,249	5 1	619
Daisy	2	2-0	305	12,481	5 4	677
Podann	2	2-2	305	10,906	5 8	634
M J Starner and Sons						
52	3	10-4	305	17,232	4 6	794
80	3	7-9	305	16,625	3 9	656
113	3	5-8	297	17,182	4 0	680
131	3	4-6	305	19,498	3 3	648
33	3	3-8	282	14,692	4 4	644
164	3	3-7	305	16,060	4 8	777
137	3	3-7	305	18,091	3 8	691
208	3	3-7	285	15,934	4 4	705
139	3	4-1	305	15,483	3 9	609
29	3	2-0	305	13,410	4 8	641
Leroy Basehoar						
54	3	19-5	305	16,749	3 7	614
45	3	9-10	305	19,197	3 3	634
86	3	7-3	305	18,298	3 9	722
89	3	6-9	305	18,651	3 4	627
20	3	4-10	305	17,605	3 8	668
Donald Toot						
Gail	3	8 1	305	19,303	3 3	639
Ida	3	7 7	305	17,057	4 0	680
Kraybill Miller						
Anita	3	4-1	305	16 027	4 8	775
Janet	3	3 3	305	17,970	3 6	648
Kling Ayr Farms						
Colleen	3	9-10	305	23,000	3 8	881
Ester	3	8-3	305	19,086	3 4	645
Faith	3	6-8	305	20,683	4 1	848
Glen	3	5-8	305	16,415	4 0	650
Hedy	3	5-4	305	21,270	3 6	770
Jiffy	3	3-0	305	16,567	3 8	627
Buttonwood Farms						
Edna 66	3	10-3	305	14,784	4 9	718
Ann	3	6-5	305	20,509	3 5	709
Patsy	3	8-1	217	15,265	4 2	638
Carmel	3	4-10	305	19,487	3 7	716
Weda	3	3-11	305	21,574	4 1	893
Ada	3	3-9	305	17,666	4 4	781
Ardis	3	3-4	305	19,045	3 8	722
Cheer	3	2-3	305	16,698	3.7	621
Minnie	3	2-6	305	15,694	4 2	663
Peach	3	2-2	305	17,514	3 5	605
Roy A Weaner Jr						
2	3	7-7	305	19,549	4 0	781
25	3	6-0	305	22,358	3 5	788
57	3	4-6	286	18,128	3.9	713
51	3	4-9	305	18,764	3 6	678
27	3	2-9	293	16,279	3 7	606
Lagging Stream Farm						
Princes	3	8-2	292	16,943	4 3	734
Andora	3	7-6	293	18,315	4 1	742
Maid	3	6-6	305	20,734	3 7	776
Freedom	3	3-3	305	16,149	3 9	627
John J Hess						
77	3	7-3	305	15,781	3 9	618
William G Inskip						
93	3	0-0	305	16,433	3 9	636
Richard Mills						
8	8	7-10	275	16,130	3 9	622
Glenn & Janet Lippy						
Ruth	3	5-11	305	16,746	3 8	636
Ray Dutterer						
Sandy	3	7-9	305	15,504	3 9	608
Rose	3	4-5	305	20,219	4 2	859
Janet	3	2-11	305	17,114	3 8	654
Shamrock Farm						
26	3	7-3	305	15,566	3 9	614
El Rho Farm						
Jonette	3	4-0	305	18,969	3 9	740
Rhoda	3	3-11	305	21,898	3 5	760
Yelow-Buttercup Farm						
75	3	6-4	305	18,374	3 6	667
79	3	3-9	291	17,190	3 7	637
71	3	2-0	305	18,962	3 3	634
Wayne H Rodgers						
Gean	3	6-2	268	14,079	5 3	747
Hazel	3	3-6	305	17,150	3 7	629
Verena	3	3-3	305	17,582	3 7	655
1	3	3-2	305	13,765	4 6	629
21	3	2-3	305	16,096	3 9	625
William Myers						
April OC	3	8-1	294	17,522	3 6	629
Bea	3	4-4	267	18,490	3 3	607
Brenda	3	2-0	305	20,580	3 1	636
Weim Sharr Farm						
4	3	3-7	305	19,209	4 0	774
William C Mearns, Jr						
13	3	6-2	294	17,660	4 2	733
47	3	5 1	276	15,823	4 3	684
57	8	4-1	305	18,157	3.8	694
59	3	4-3	305	18,418	3 7	688
90	3	3 0	293	18,835	3 8	718
Grove Bros						
23	3	5-1	305	18,400	3.3	608
24	3	1-10	305	14,360	4.2	605
Way Brite Farms						
98	3	7-4	305	17,633	4.2	736
G 1	3	4 6	305	14,496	4 5	659
Oscar E Mehring						
Judy	8	0-0	305	16,512	4 2	690
Leroy Deputy						
Anabel	3	8-9	305	24,380	3 3	805
Angela	3	6-7	305	20,694	3 7	772
Marsha	3	9-10	305	23,502	3.6	850
KMarie	3	2-6	305	15,090	4 7	702
Claude Holmes, Jr						
Bennie	3	6-4	277	17,913	3.6	647
Getty Acres						
117	3	5-8	305	17,202	3 9	671
158	3	4-10	305	17,259	4.3	740
163	3	4-2	300	18,746	3 2	608
257	3	2-11	305	16,249	4.4	720
254	3	3-0	305	17,127	4 0	692
Robert L Rohrbaugh						
59	3	4-7	305	15,227	4.2	624
Zeppdale Farms						
97	3	7-4	280	15,322	4.1	635
118	3	7-3	305	14,520	4.1	601
50	3	3-7	305	20,403	3.4	702
Stone Manor Dairy						
Tessie	3	5-2	305	17,903	3.8	678
Patty	3	7-5	305	21,027	3.5	735
Frisky	3	5 7	305	18,017	3 9	705
Rhodes Enterprises						
43	3	5 2	305	21,285	3 2	676
46	3	6-2	305	15,410	4 7	730
150	3	5 1	305	18,017	3 5	624
Grn Manor Guernseys						
Lily	2	5 4	305	23,521	5 1	1210
Terrence P Murren						
Ruth	2	6 6	305	14,031	4 6	648
Richard K Herr						
130	3	5-6	305	19,566	3 1	606

PARS Soil Service

Distributor of Liquid Calcium Delivered in Bulk To Your Farm

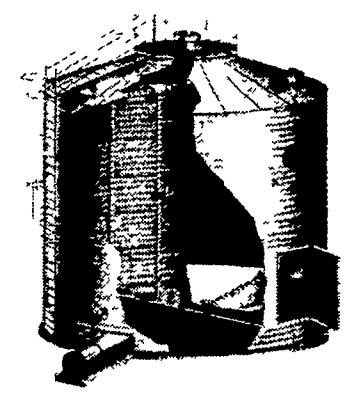
Call: 717-872-7342 or 717-367-2667

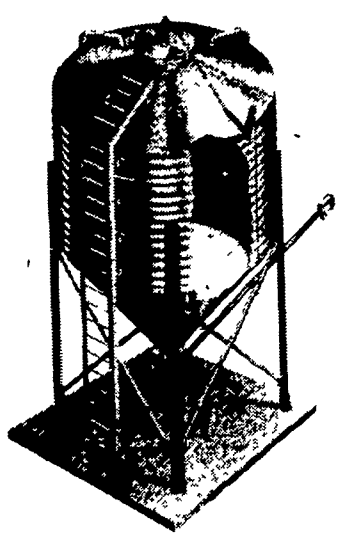
WESTEEL-ROSCO

GRAIN BINS

Diameter	Model No.	Number Of Tiers	Bushel Capacity	Ft. Height Eaves	Overall	Cash Price
13.8 Ft.	144	4	1453	10.3	14.3	$822.60
13.8 Ft.	145	5	1769	12.8	16.8	$951.87
13.8 Ft.	146	6	2085	15.3	19.3	$1,102.69
19.1 Ft.	194	4	2883	10.3	15.8	$1,326.00
19.1 Ft.	195	5	3488	12.8	18.3	$1,549.83
19.1 Ft.	196	6	4093	15.3	20.8	$1,799.52
19.1 Ft.	197	7	4698	17.8	23.3	$2,012.27
19.1 Ft.	198	8	5302	20.3	25.8	$2,244.97

Prices Shown Are For Cash. FOB Manheim, PA K.D.



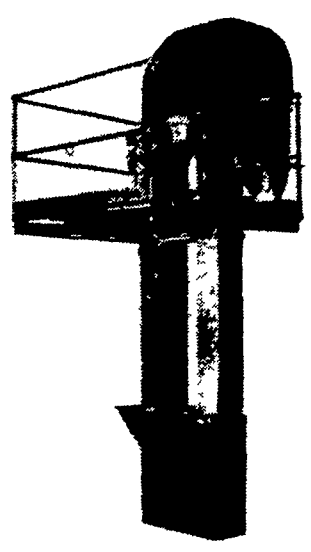


Feed Bins

See EBERSOLE'S FOR. . .

Shenango STEEL BUILDINGS

Authorized Sales



Bucket Elevators

Also

★ **POULTRY & HOG EQUIPMENT** ★

For More Information, Call or Send Coupon —

EBERSOLE EQUIPMENT & SUPPLY COMPANY

JOHN R. EBERSOLE

RD 5, Box 190, Manheim, Pa. 17545

Phone 717-665-4201, 665-6861 or 738-1305

Please Send Information On The Following:

☐ Grain Bins
☐ Feed Bins
☐ Bucket Elevators
☐ Shenango Buildings
☐ Poultry Equipment
☐ Hog Equipment

Name _____

Address or Rural Route _____

Town _____ State _____ Zip _____

Phone (Include Area Code) _____

MID SUMMER SALE
TUESDAY,
JULY 28
7:30 P.M.

To be held at the Green Dragon Livestock Barn, Ephrata, PA.
Consisting of Grade and Purebred cows and heifers from top sires.
1 load from Bob Kennedy
1 load from Frank Mase
Plus other local consignors.
Walter Risser, Proprietor
717-733-2444

GAP AUCTION
FRIDAY EVE., JULY 24
5:30 P.M.
Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge
ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
OTHER DAYS BY APPOINTMENT
Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

CONSIGNMENT AUCTION
MONDAY, AUG. 10, 1981
9:30 A.M.
★ Usual Run of Tractors, Machinery and Construction
★ New tools and tarps sell first
★ Special Consignment RV Trailers
WE ACCEPT CONSIGNMENTS ANYTIME
Tractors sell at approximately 2:30 followed by construction
WENGER'S FARM MACHINERY, INC.
S. Race Street, Myerstown, PA 17067
717-866-2135

AUCTION-AUCTION-AUCTION
WEDNESDAY, JULY 22
7:00 P.M.
At Green Dragon Livestock Sales.
TOOLS - STEREOS - RADIOS - JEWELRY - SMALL APPLIANCES
All merchandise is new and guaranteed
The tool line will consist of bench grinders, vises, bench and floor model drill presses, arc welders, and air compressors. Air tools will include impacts, sanders, ratchets, zip guns, air hose, porta power units, electric drills, tap and die sets, torque wrenches, pipe wrench sets, adjustable wrenches, box and open end sets, socket sets, screw driver sets, vise grips, punch and chisel sets, nut driver sets, hydraulic and trolley jacks, com-a-longs, cut off saws, deep well sockets, pocket and hunting knives, work gloves, electrical tape, etc.
For the home and car there will be home stereo sets, car and truck stereo systems, clock radios, portable radios and tape players, cookware, bakeware, flatware, slo cookers, watches, jewelry, cutlery, small appliances, picnic jugs, and much, much more.
Lunch room open, and fun for all. FREE DOOR PRIZES.
Terms by:
BERT ROSE
Merle Eberly, Auctioneer
No out-of-state checks

GENEVA RICH BICKEL
PUBLIC AUCTION
SATURDAY, JULY 25, 1981
9:30 a.m.
Located at Woolrich Fire Hall, Woolrich, Pa. Off 220 Beltway, Clinton County, PA.
★ Selling valuable antique furniture, glassware and collectibles. ★
— Glass and Collectibles —
Castor Sets in Cut Glass; 2 Silver Pickle Castor Sets, 1 Blue, 1 Clear; Woolrich Communion Decanter with Authenticated Certificate, Frosted Hobnail Water Set, Clear to Cranberry; Many Silver Pieces Including: Toothpick, Child's Cup, Syrup Pitcher, Napkin Rings, Other Cups; Chest Full of Pewter Items; Footed Lemoges Bowl; Gold Trimmed Vase; Brass Dinner Gong; Nice; Several Pieces Overlay Glass, Hand Painted Vases; Gold Trim French Pitcher; Lots and Lots of Old Cut Glass, Many Cake Plates; Several Ruby Flash Pieces Including: A Lock Haven Com. Pitcher; Purple Carnival Glass Punch Bowl with 6 Cups Signed Northwood; Painted Ironstone Platter; Collection of Cups and Saucers, Some Rare; Many Beautiful Hand-Painted Plates Signed Germany, Bavaria, Lemoges, Etc.; Miniature Bead and Milk Set; Cast Iron Pieces Including No. 14 Fry Pan; Several Gone With the Wind Lamps, Some with Half Shades, Some Ball Shades, 1 with Custard Glass Bowl and Shade Hand Painted; Iron Mechanical Bank (Black Boy in Outhouse Dated 1885); Several China Eggs; Nice Large Ivory Carving; Old Toys; Tall French Cupid Clock in Brass; Bristol Vases; Miniature Punch Bowl Set; Pearl Handle Pen Knife; Ring Box; China Condiment Set; 18" High Bronze Statue; Bevel Plate Mirrors; Unusual Coal and Granite Checkerboard; Coal Silhouette Service for 12 Painted Ironstone Dinnerware (Some Chips) Complete with Tureens, Serving Bowls and Other Unusual Pieces; Lots Ruby Glass; Nippon Plates; Mustache Cups and Saucers; Many Old Milkglass Pieces; Cranberry Cased Baskets; Cut Glass Cruets and Baskets; Coffee Grinder; Several Old Lamps; Gold Leaf Picture Frames; Lots of Other Picture Frames; Hand Painted China Jewel Box; Shell Art Jewel Case; Blown Silver Overlay Cologne Bottle; Silver Overlay Sugar and Creamer; Small Ring Tray; Small Mirror with Lion head and Velvet Trim; Lots of Afghans, Quilts and Comforters; Lots of Baskets; Copper Teakettle with Whale Oil Burner.
— Antique Furniture —
Excellent Old Completely Refinished Mellodian (Plays Good); Fancy Ornate Carved Rocker; Triangle Carved Stand (Unique); 3-Piece Mohair Living Room Suite; Hexagon Oak Stand; Two 4-Stack Oak Bookcases; Airline Radio Victrola; Oak Gliding Rocker; Oak Platform Rocker; Mahogany Loveseat; China Cabinet in Soft Wood; Oak Hall Rack with Brass Fittings, Mirror and Seat; Arm Chair with Beautiful Carvings; 3-Piece Victorian Settee Set; Organ Stool; Butterfly Dropleaf Side Table; Several Trunks, Round and Flat Tops; Double Bed; Book Stand; Hand-Made Fancy Crib; Fancy Decorated Magazine Stand; Wicker Dog Bed; Wicker Box; Captain's Chair; Plus More Not Listed.
— Books and Birds —
Several Bookcases Full of Old Books, Some First Editions; Col. Shoemaker's Books; Clinton County History Dated 1875; History of Woolrich; Classical Books; Some Fiction; A Complete Library; A Collection of Stuffed Birds and Animals Including 3 Ruby Throated Hummingbirds Under Glass, A Pair of Lady Amherst Pheasants; Rare White Crow; Canadian Goose and Many More; Plus Much More Unlisted Items.
Lunch: by Fire Company.
Terms of Sale: Cash or good check with identification.
Owner:
GENEVA RICH BICKEL
Auctioneer: Perry L. Reed
RD2, Muncy, Pa.,
phone 717-584-5254;
Dave Yoas, Apprentice.
Auctioneer's Note: This is an exceptional antique auction. The owner has decided to disburse with this several generation collection so that others might be able to enjoy owning these rare and hard-to-find items. Many of these items are museum quality and are very rare. The sale will be held in the fire hall. Come early as practically everything selling is antique.

'Wicking' herbicides onto weeds whips problem in hort crops

COLUMBIA, Mo. — From soybeans to strawberries, one way to whip weeds is by "wicking" them.

"A ropewick application of herbicides is an effective way to control weeds that stand taller than the crops in which they are growing," said Delbert Hemphill, University of Missouri-Columbia horticultural researcher.

Herbicides are "wicked" out of the herbicide container by a rope that works like a lamp wick. The herbicide-wetted rope then wipes across the top of weeds, killing them without harming the crop.

The technique has already proved successful with agronomic crops. For example, soybean growers use the method to control johnsongrass in growing beans.

Hemphill is now trying to prove the ropewick's effectiveness and safety around horticultural crops like strawberries, and cucurbits (muskmelons, watermelons, cucumbers, etc.) to the satisfaction of the Environmental Protection Agency.

Hemphill wants to use the technique to apply chemicals like glyphosate (Roundup) or 2, 4-D to horticultural crops. The trick is to wick up enough herbicides to do the job without any dripping onto the crop.

"We can probably get the data we need (on the safety and effectiveness of these chemicals) within a year, but it may take a couple of years to perfect the technique and to get EPA approval," Hemphill said.

Growers of horticultural crops often have a problem of winter annuals (weeds) that germinate in the fall, overwinter as small rosettes, then take off in spring. With the ropewick application, Hemphill hopes to hit these weeds as soon as he can in the spring, and then come back a week or so later to get those missed the first time around.

The weeds (in horticultural crops) are many, and the pay off of controlling them is good.

Growers are bothered by pigweed, ragweed, lambsquarter, wheat that grows out of the straw mulch, wild lettuce, mare's tail, and many others.

If these weeds can be controlled, the crops will be easier to pick by hand or machine, and yields will be much higher, Hemphill said.

Ropewick applicators can be made of any length to suit different row widths.

They will be mounted on the front of tractors and driven across fields for fast and effective weed control.

As part of his research, Hemphill is experimenting with different types of ropes to find the kind that will feed the herbicide fast without dripping.

"One that looks good so far has a core made of fibrous material and a loose nylon exterior," he said.

READ LANCASTER FARMING'S ADVERTISING TO FIND ALL YOUR NEEDS!

Sale Reports

A public sale of real estate and personal property was held July 10 and July 11 for the estate of Robert F. Alexander, 4 miles south of Spring Run, Pa.

The 7½ acre farm in Metal Township, Franklin Co. with a 7 room house, 1 car garage and a weatherboarded tenant house with 4 rooms was sold for $46,000.

The 10 acres of mountain land in Metal Township with good timber was sold for $16,900.

Other prices were: Int. cub tractor & equip. $1900, Inter. super C tractor $950, oak larkin desk $210, wicker settee $150, 3 corner cupboards $950, $650 & $300 and Winchester Model 94-32 lever action gun $380.

J. Robert Meyers was the auctioneer.

xxx

A liquidation auction of the Harleysville Mill Inc. was held July 11 at 279 Maple Ave., Harleysville, Pa.

Prices were: M.C. grain dryer, 60' elevator leg, 3 bins & 3 augers $26,000, Howe corn cracker $300, Jacobson hammer mill $300 and 1965 White diesel 15 ton bulk truck $3000.

Hess & Moyer were the auctioneers.

xxx

A large 2 day public sale of antiques and silver was held July 10 and July 11 for Rev. Carl and Thelma Simon, 637 Colonial Ave., York, Pa. at the Shrewsbury Fire Hall in Shrewsbury, York Co., Pa. A very large crowd attended the sale.

Prices were: stacking oak bookcase $350, marble top buffet $425, marble top washstand $325, walnut drop leaf table & 6 chairs $450, oval marble top stand $225, square marble top stand $150, 12 place setting of Kirk sterling silver ware $2800, sterling silver candle sticks & candleabras $25 to $150 each, china doll $350 and boy & girl bisque Dolls $250 & $200.

Bob & Tom Sechrist were the auctioneers.

Coming...LABOR DAY
MONDAY, SEPTEMBER 7
ANTIQUE SALE
At
Farmersville Auction
PH: 717-354-4095
We Accept Consignments

SPECIAL FEEDER CATTLE SALE
All Breeds
200 head feeder cattle
100 head feeder pigs
FRIDAY, JULY 24
7:30 P.M.
Perkiomenville Livestock & Sales, Inc.
Rt. 29, Perkiomenville, PA
Consignors Welcome
Buyers Welcome
215-234-4733

Sale Reports

A public auction of antiques and coins was held July 11 by Anna E Williams, 812 W. Main St., Valley View, Schuylkill Co., Pa.

Some prices received were: flax comb $25, slaw cutter $27 50, ironstone wash bowl & pitcher $175, sleigh bells $80 to $135, organ stool $87.50, beery trays $27.50, $50 & $51 each, change trays $35 each, early local calendars $15 to $75, black doll $60, hand brass bell $80, wicker baby carriage $90, oak washstand $80, agate teapot $105, old baskets $5 to $85, 1967 Oldsmobile car $800, high counter kitchen cabinet $350, 1879cc silver dollar $110, 1938-D half dollar $27.50, silver dollars $17 & up, and floor safe $225.

George & Mike Deibert were the auctioneers.

xxx

The Pa Firecracker Sale of 34 head of Ayrshires was held July 8 at the Carlisle Fairgrounds, Carlisle, Pa.

The average of the 34 head of cows and heifers sold was $904. The top cow was a 3 year old Aryshire with 22,192 milk, 3 9 test and 859 fat. It was consigned by Leon Perry of Reynoldsville, Pa. and sold for $4050 to Richard Reed of Punxsutaunery, Pa

The 2nd high was a bred heifer which was sold for $1400 to Cindy and Becky Bell of Elmer, N.J It was consigned by Alvin Zook of Honeybrook, Pa.

The 3rd high cow was sold for $1120 to Warren Schmuck, Peach Bottom and was consigned by Robert Campbell of Narvon, Pa.

Sale conducted by Milt Brubaker.

xxx

A public auction of household goods and sporting goods was held July 11 by Betty M Posey in the York Co side of the River Hills beyond the Norman Wood Bridge. The antiques will be sold at the Guernsey Sale Barn late September or early October

Prices received were dehumidifers $50 to $125, 8' aluminum rowboat $135, trail bike $250, skis $22, mounted groundhog $10, welding set $140, redwood tables $77.50 & $65 and shop smith $510

Claude F Smith & V Ronald Smith were the auctioneers

xxx

A public sale of farm equipment, dairy cattle and draft horses was held July 11 by Benuel S and Fannie Stoltzfus, R.D 2, Danville, Pa

Items sold included 1 team draft horses $2800, single horse $1250, 2 DeLaval milkers $600, milk cooler $450, N H #273 hay baler $1850, 2 harnesses $120, bull $685 and the three top priced cows were $1500, $1450 and $1400.

Elton & Alvin Horning, Auctioneers

xxx

A public sale of antiques was held July 11 by Mrs Cora Frederick, between Swartzville and Reinholds, Lanc Co , Pa.

A Jacob Gorges 30 hour grandfathers clock w[illegible]ter dial and walnut case was sold for $3800

Other prices were: luster tea pot $40, luster creamer $42.50, wooden carved owl $640, 2 windsor chairs $150 each, high chair $70, 8-day shelf clock $145, meat chopper $40 and farm table $145

H.H. Leid Auction Service.

xxx

A public auction of a tractor and machinery parts was held by Tunis Bros in the village of Kennett Square, Chester Co , Pa

Prices received were 800 ford tractor w/loader $1500, wheel weights $13, motor $65, rotary mower $50, bar mower $40, air compressor unit $35, grime fighter $125, log hook $9 and gear box 8

Auctioneers were Steve Petersheim & Everett Kreider

xxx

Super show & auction was held July 10 and July 11 at Young's Auction Center on Rt. 14, 5 miles south of Troy, Pa

Items sold included: 6 high back oak chairs $95 each, lamp shade $250, pump organ $260, walnut table $90, metal lathe $380, antique wooden lathe $75 and 1941 Plymouth coupe $110.

Managers were Tom, Shirley and Charlotte Young

PIGS

STATE GRADED SALE
FRI., JULY 24
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md
Phone (301) 848-9820

NOW 2 FEEDER PIG SALES PER MONTH
2ND & 4TH
Mondays of
Every Month
At Caroline Sales
Co.,
Denton, MD
Sponsored by:
MD Pork
Producers
"FARM FRESH
PIGS DO BETTER"
Frank Copen,
Mgr.
301-479-2656

COMPLETE CATTLE DISPERSAL
HAAKONSEN FARMS
Kohne Rd., Virgin, N.Y.
THURSDAY, JULY 23
11:00 A.M.
Due to the illness, Mr. Haakonsen has commissioned us to sell the cattle at the Haakonsen Farm located on Kohne Rd. From Dryden take Dryden-Virgil Rd. northeast approx. 4 miles to Kohne Rd., turn left approx. 1 mile. From Cortland take Rt. 13 south approx. 1½ miles, turn left on Webb Rd. to West State Rd., turn right to Kohne Rd., turn left approx. 1½ miles to the farm. Watch for auction arrows.

95 REGISTERED & HI-GRADE CATTLE 95

The Haakonsen herd was assembled in 1980 with selections from some of the best local herds. Careful attention was given to pedigrees, cow families and the best A.I. sires The foundation was laid for a great breeding herd but Harry's health forces this premature dispersal. The Holsteins came from such herds as Westan Farms, Homer (presently the high herd on Cortland County DHIA); Jerry-Dell Farm, Dryden; Bud-Ranch Farm, Homer and Cassondana Farm, Hartford. The Jerseys from Bruce Dedrick, Dryden and Lawrence Perry, Homer. Among the outstanding individuals are:

1. WESTAN GAY IDEAL FAME - VG, 2-3 305 17798 620; 3-2 305 20762 702 by Harrisburg Gay Ideal. This 4 yr. old is due 10/24/81 to Grand Fortune.
2. WESTAN EMPEROR LASSIE - VG, 86 2-10 305 18573 4.3 798; 3-10 305 19539 4.0 784; 4-10 305 19948 4.0 792; Due 8/19/81 to Braintrim Elstan.
3. WESTAN FIRST MINISTER BRETTA - GP, 82 3-10 305 17950 3.8 683. Due 12/27/81 to Grand Fortune.
4. BUD-RANCH HELEN BOOTMAKER - GP, 81 4 yr. 19283 755; 5 yr. 21881 777; 6 yr. 24089 865 by Paclamar Bootmaker due 11/21/81 to S-S-F Astronaut Bravo.

The calves are type and well grown and include:

1. HAAKONSEN KING ARTHUR DAISY Born 4/23/81 from Westan Pontiac Debby - GP, 84 181,962 lbs. milk & 6,761 fat lifetime.
2. KOHNDALE SUNSET TOOTSIE Born 12/9/80. Dam: 19831M 804F 4.1% in 281 days.
3. WESTAN GRAND FORTUNE BIRGIT Born 1/25/81.
4. JERRY-DELL PAGE POSEY Born 10/28/80.
5. JERRY-DELL SILKY SAM Born 10/22/80.

MANAGER'S NOTE: This dairy consists of several outstanding individuals. Keep this date open and remember it is a **day sale.** All cattle will be vet examined for pregnancy, plus Blood & TB tested ready for immediate interstate shipment day of sale. See you all at the sale. Inspections welcome anytime.

TERMS: Cash or good checks - ID required. Lunch available.

HAAKONSEN FARMS
Owners
Harry, Joan, Joanne & Karl
Phone 607-835-2877
Jack Wood Livestock & Auction Service
Sales Managers
Cincinnatus, N.Y. 13040
Phone 607-863-4141

PUBLIC AUCTION
SATURDAY, JULY 25
10:00 A.M. "SHARP"
ORANGEVILLE - ROHRSBURG HIGHWAY
Turn off Rt. 487 at the Nor-Pole Ice Cream Rest. Watch for Sale Signs - 1 mile from the Nor-Pole
Selling The Antiques and Household of the late Della Moore - "Many Beautiful Things" - Bring chairs - sale under tent - rain or shine.

1953 Chrysler 4-Dr Sedan - 47,000 miles, Old Sq. Oak Table & 4 Chairs, Oak Rockers, Pine Rockers, Drop Leaf Oak Table, Easy Spin Washer, Old Kitchen Coal & Elec. Stove (Range Qualified), Old End Tables, Old Hand Floor Mod. Victrola, Records, Pine Slat Rocker, Round Dining Room Table & 6 Chairs, Singer Sewing Mach. (electrified), Victorian Style Sideboard & China Closet, Nippon Cookie Jar, Cut Glass, Pressed Glass, Carnival Glass, Depression Glass, Cranberry, Beautiful Bowls, Meat Platters, Milk Glass, Stemware, Rodgers & Son Silverware, Caned Rockers, sm. Stands, many other nice Old Rockers, many Old Oak Picture Frames & Pictures, Knick Knacks, Sets of Dishes, Greenware, Vinegar Cruets, Bud Vases, many Tin Items, Wood Rolling Pin, Old Wood Barrel Butter Churn, Pots, Pans, Muffin Tins, Sharping Steel, Old Meat Cleaver, Cab. Cutter, 5 Gal. Jugs, Sm. Jugs, Mason Jars, Brass Floor Light, Lamps, Spool Flower Stand, Lg. Jardiniere, Firestone Radio, Uph. Room Chairs, 9 x 12 Rugs, Old Piano Stool-claw feet-Glass Balls, End Tables, Deek & Son Opera Piano, Victor Record Player (Floor Type), Sm. 4 Leg Room Table (very nice), Record Cabinet, 7 Ft. High Wall Mirror-Beveled Glass, Oak Frame with Carvings, Wood Wardrobe, Old Coffee Grinder (Nice), Beautiful Old Hall 7 Ft. Walnut Coat Rack with Mirror & Sm. Drawer & Umberella Stand with Cast Iron Bot. (a Beauty) Oak Bed with 6 Ft. High Head Board and Foot Board- Very Nice Hand Paintings on Bed-Wood Carving on Bed also, 3 Dr. Chest & Mirror with Jewelry Boxes on top of Chest, wood and brass pulls on front of drawers, Atwater-Kent Radio, Old Washstands with Towel Bar, 4 Dr. Chest, other Old Chest of Drawers also nice, Quilts, Linnens, Caned Bot. Chairs, Blanket Chest, Many Wood Chairs (old), Freed-Eisemann Radio Receiver, Old Radio Horn, Spool Washstand, other Oak Beds with high Head Boards-Round Scrolls & Carvings on them, also Many Fine Oak Bedroom Suits, with Wood Carvings on them (very nice), Nice Turtle Back Trunk, Small Childs Plank Rocker, Wood Settee, Sad Irons, Wood Early Bird Incubator with Kerosene Heater, Old Wood Platform Rocker, Iron Bucket, Old Wicker Table, Super Zink Wash Board, Old Wood Single Spindle Bed, 1 Gal. Wood Cider Press. There are many items too numerous to mention. These are just some of the Fine Old Antiques - We Have More.

Statements made day of sale take precedence over previously written material - Not Responsible For Accidents.

Terms - Cash

ESTATE OF THE LATE DELLA MOORE
EXECUTOR - Verncil A. Moore
NEVIUS AUCTION SERVICE
Auctioneers Licensed & Bonded
Dan Nevius 752-4214
Olen Knecht 683-5955
App. Fred Antolick 459-1379
Clerk - Jay Leiby

Note- there are some very nice antiques - Don't miss this sale
Come early we move fast!
Lunch to be served
Give us a call - we do it all - Farms - Real Estate - Antiques - Heavy Equip. - A Complete Auction Service

Clip & Save This Ad

REAL ESTATE AUCTION
TUESDAY EVENING, AUGUST 4
5:30 P.M.
The undersigned, located in Perry County, 10 miles West of Loysville on Pa. Route 850, adjoining Tuscarora State Forest, will offer the following Real Estate:

TRACT #1:
Seldom Seen Restaurant and Ranch - 18 Acres, exquisitely landscaped with 2 ponds; 1 stocked with trout; 22 X 40 Inground Pool, Outside stage for live entertainment; 19 Hole Lomma Miniature Golf Course (11 Electric shots)-lighted; 16 X 40 3 Bedroom Guest House or Motel (new).
the Restaurant itself is 2 yrs. old (34 X 64) (seats 50 people), with a 3 bedroom home in it - Large fireplace, very well insulated, elec. heat & air conditioned; 11 Table & Chair Sets. Restaurant is fully equipped with the latest restaurant equipment and many extras go with this property. It is a going business or could very easily be converted to an 18 Acre Gentleman's Estate.
"Beautiful! Have to see to appreciate the setting and the Potential!"

TRACT #2:
TUSCARORA TIMBERS CAMPGROUND: (19.3 Acres of nice timber ground) 100 Campsites - All sites have electric and water, picnic tables, fire ring and garbage container. 2 Bath houses, 1 with laundry and storage area. Rec. Hall and Store (24 X 60). BUNK HOUSE that sleeps 20 people (24 X 60); 5 rooms with 4 bunk beds in each room. Bunk House & Rec. Hall have concrete floors and Fisher Fireplaces and are in excellent condition. 2 Well Houses with 1 h.p. pumps - New. 2 Complete D.E.R. approved septic systems. PLAYGROUND for children; New Shuffleboard Court; Dusk to Dawn lights throughout the Campground.
There is room for expansion on this site; All D.E.R. approved. Campground joins 70 miles of State Snowmobile Trails and 42,000 Acres of State Forest. Campground can be and is being used year round due to the Fall and Winter Activities that are so readily available.

TRACT #3:
3 BEDROOM RANCH HOUSE on 3 Acres of exquisitely landscaped Real Estate. Modern Kitchen, Finished Basement with fireplace with Fisher Insert; Hot-air Furnace 200 AMP Service; 1½ Baths; Every pipe in the house is copper. 1 Car Built-in Garage, Sun Deck with Best View in Perry County. Very well insulated, air conditioned, new storm windows.
Thinking of Getting away from it all - THIS IS FOR YOU! - Country living at its Best. Right of way to State Forest and Snowmobile Trails.

TRACT #4:
3 ACRE WOODED LOT, perk tested, comes with sewage permit & survey. Approved by County Planning Commission. 340 Ft. of Road Frontage and Right of Way to State Forest Land and 70 miles of Snowmobile Trails. 10 Trout Streams within 12 miles; 18 miles to Juniata River, 1 Hr. from Harrisburg.

TRACT #5,6,7,8,9:
ALL 1 ACRE PLUS LOTS: Wooded and open, perk tested, sewage approved. They all have road frontage on Route 850, all with right of way to State Forest and its many recreational uses.
WHAT A PLACE TO BUILD ON OR PUT YOUR CAMPER! Hunting is excellent in this area. If you are an outdoors person, this is for you, all within 30 minutes of Carlisle, 1 hr. to Harrisburg.
REAL ESTATE will be offered unless Sold Prior To Sale!
REASON FOR SELLING: Owner is in ill health and going to retire.
TERMS: 20% down day of Auction; Balance within 30 days. Transfer Taxes & Fee split equally between Buyer & Seller.
Please Contact Owner for Inspection or Auction Co. for further Information.

OWNER,
DANIEL DERR II
Telephone
(717) 438-3533

Sale By:
Kling's Auction Service
(717) 789-3883

Scabies cases show marked drop

NEW YORK, N.Y. — A U.S. Department of Agriculture veterinarian said there were 128 cases of psoroptic cattle scabies mites in the United States from October to May, 1981—nearly half the 247 cases identified during the same period a year earlier.

"But," said Glen Schubert of USDA's Animal and Plant Health Inspection Service, "these figures may be misleading. This pest is most active and most frequently found during winter months. "Drought and low cattle prices this past winter kept the number of cattle grazed in the Panhandle and High Plains down to 35 percent of normal.

"In most years a great share of scabies outbreaks are found in cattle on winter wheat pastures. With fewer cattle on winter wheat, detection procedures may not have been adequate."

Texas, with 25 confirmed cases, had the most known scabies cases during the season, followed by Kansas with 18 and Colorado with 16. Missouri recorded its first case in at least 20 years.

For state and federal scabies eradicators, the major problem of the season occurred when scabies mites were identified on cattle freshly shipped from the Navajo Nation in northern New Mexico. Traceback investigations found mites on cattle wearing two different brands on tribal lands. Some 15,000 animals were dipped to eradicate this outbreak.

Scabies is a contagious disease of cattle caused by tiny, parasitic mites that pierce the skin of cattle and feed on body fluids released from the wound.

PUBLIC AUCTION

THURSDAY, AUGUST 20
AT 6:45 P.M.

1 mile West of Elizabethville along Route 209 in Washington Township, Dauphin County, Pa.; 6 miles East of Millersburg.

46 ACRES

Parcel No. 1: CORNER LOT 110 Ft. x 234 Ft. FRONTAGE on Southside Route 209 and Paved Township Road T-462 (Mohr Road) 8-ROOM DWELLING, HEAT & BATH.

Parcel No. 2: 36 ACRES with 378 Feet FRONTAGE on Paved Township Road T-462 (Mohr Road). Approximately 32 ACRES TILLABLE balance Pasture and Wooded Area. Nice Farm Pond. Small Stream. (Parcels No. 1 and No. 2 are adjoining and will be offered as separate tracts and as one unit).

Parcel No. 3: 9 ACRES located north of Route 209 and Parcels No. 1 and No. 2. This Parcel has access from Paved Township Road T-462 (Botts Road). A beautiful level piece of real estate in high state of cultivation, however, because there are several new homes in the immediate area, this parcel would be prime for future development! A survey of the above land has been completed.

FOR INSPECTION OF REAL ESTATE or SURVEY MAPS CALL: (717) 362-8680 or 362-8015.

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 7:00 P.M.

PERSONAL PROPERTY

Coal Range; Beam Scale; BUTCHER KETTLES with Stands; Brine Barrel; Seeder; Counter Top Platform Scale; Oak Sideboard; Lawn Furniture; Dinette Set; Victorian Side Chair; Automatic Dryer; Other Items Not Listed.

CHARLES R. BOTTS &
WILLIAM F. BOTTS
Owners
Earl Richard Eztweiler, Attorney

DEIBERT
George & Mike
Auctioneers & Realtors
717-425-3313

CONSIGNMENT HORSE SALE

SATURDAY, JULY 25
11:00 A.M. Sharp

Tack sold at 9:30 A.M.
Horses Hitched at 9:00 A.M.
(If weather permits)

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Route 522, 3 miles East of Middleburg
5 miles West of Selinsgrove

WORK HORSES

One load of sharp standardbred, carriage & buggy horses.

For Information Call
717-992-1490 or 717-837-2222

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 - RD 3, Middleburg, Pa.
Owners
DON & WALT KEISTER
Ray Long & Dave Imes Auctioneers
Terms: Cash — Trucking Available
Restaurant Open

PUBLIC SALE

THURSDAY, AUGUST 13
At 2:00 P.M.

Valuable York Co. Real Estate of Graybill B. and Almena S. Hoke, located off of Rt. 116 between Spring Gorve and Menges Mills, Pa. near Spring Grove High School, in Jackson Twp.

HOKE HOMESTEAD FARM

150 Acres more or less with 60 acres pasture land fenced and with water, 4 acres woodland some with nut trees, 86 acres tillable farm land, never failing spring, reservoir on hill 110 bbl. capacity, good water pressure, wind pump and auxiliary pump, also stream through farm.

Colonial type house of brick construction with slate roof and partly stormed insulated, large balcony, 4 bedroom and bath on second floor, cupboards and closets, beautiful open stairway in natural wood, first floor has modern kitchen, dining room, living room, den and ½ bath, three part basement 1 cement, hot water heat gas fired, 85 gal. water heater.

Tenant house is of frame construction with asbestos siding and tin roof, 3 bedrooms, bath and sewing room on second floor, kitchen, living room and dining room on first floor, 2 part basement fully cemented, oil fired hot air heat, partly stormed, 56 gal. hot water heater.

Large stone construction summer house with tin roof.

Stone spring house with slate roof.

Large 105 ft. + 50 ft. barn with good timbers and slate roof, utility shed with tin roof, smoke house with shingle roof, chicken house tin roof, sheep stable tin roof, workshop tin roof, two car cement block garage asbestos roof, corn barn and shed comb. with slate and tin roof, frame garage and utility shed tin roof, large implement shed slate roof, large shed for hay storage or other use tin roof, tile silo, all buildings are in good repairs.

Not responsible for any accidents.

Terms of real estate 10% day of sale. Bal. on or within 60 days, for inspection of real estate call 717-225-1946 for appt.

GRAYBILL B. & ALMENA S. HOKE
R.D. #3 Spring Grove, Pa.
Tel. 717-225-1946
Charles L. Wehrly, Auct. 235-4146
Louis T. Guthrie, Attorney 632-5315

"J-BEL" HOLSTEIN DISPERSAL

Tuesday Evening, July 28, 1981
7 P.M.

At the John Mummau farm in Franklin County. Midway between Shippensburg, Pa. and Chambersburg, Pa. Turn west off Rt. 11 at Wen-Lee farm, next farm back.

43 REGISTERED & 5 GRADES

CERTIFIED • ACCREDITED • MAJORITY VACCINATED • CLASSIFIED
PREGNANCY CHECKED • D.H.I. RECORDS

A good number fresh, several due Aug. and Sept. Every cow with a complete lactation has a record above 15,000 milk, 600 fat, 6 from 20,000 to 26,000 milk, 4 from 903 to 995 fat. 3 classified good, all the others are G+ or V.G. A high testing herd.

A few selling — Bootmaker dau. 5 y 347 da., 24,614 milk, 3.9% - 959 fat. Bred to Gay, has a Doctor dau. in milk, and a younger Pacemaker dau.

Elevation dau. 3y. 8 mo. 305 day. 19,636 milk, 3.7% - 730 fat, has an Astronaut G. dau. with 2y. 7 mo. 365 da. 18,129 milk, 5.1% - 922 fat. due second time July 18 to Paclamar Romulus. Also an April heifer by Romulus.

A V.G. Molly Chief and an Hbg. Gay Ideal maternal sisters, both over 700 fat with good test and offspring.

Others equally as good. Other cows sired by Ivanhoe Star, Orbit, Moonshot, Charmer and Optimist.

Heifers from cows selling sired by Astronaut, Milestone, Matt Carlo, Pacemaker, Molly chief, etc. Some bred heifers due in Sept. others from yearlings to calves.

John Mummau is also selling 11 heifers, 6 yearlings and 5 younger heifers.

Service sires include Very, Gay, Superior and others.

A good foundation herd to build on.

SELLING SEMEN — 40 straws of Vincent View Molly Chief.

SALE UNDER COVER - CATALOGS

Sale by
JAY R. & BEVERLY BEIDEL
RD 3 Shippensburg,
Pa. 17257
Ph. 717-532-6521
V. Art Kling, Auct.
W. Gossert, Clerk
Fred Naugle, Pedigrees
R7, Carlisle, Pa. 17013

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

JULY

SAT JULY 18 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 18 10 00 A M Public Sale of Real Estate Heavy Equipment, Trucks, Cars, Household Goods Located 15 miles south of Williamsport, PA 1½ miles NE of Muncy off Muncy-Hughesville Rt 405 Highway C E Sones Excavating Owners Max Fraley and Son and Dick Crittenden Auction Co

SAT JULY 18 - 9 00 A.M Public Sale of Real Estate, Farming Tools, Antiques, and Household Goods for the Estate of Howard M Bowers, Located along S Church St Ext near Cross Roads Boro on Rd 3, Felton, York Co, PA near Hopewell Pres Church Bob & Tom Sechrist Auctioneers

SAT JULY 18 - 10 00 A M Public Sale of Antiques and Collectibles, Household Goods, Farm Equipment and Tools Located 4 miles east of Klingerstown in the Village of Rough & Ready, Mohantongo Valley, Schuylkill Co, PA At Hegins take Rt 125 North 6 miles to Keim's Cafe, turn west of Rt 125 take Klingerstown Rd Estate of Vida Dietz George & Mike Deibert Auctioneers

SAT JULY 18 - 9 00 A M Public Sale of Paul O'Brassill Antique Flea Market Contents Located along Rt 272 one block South of Intersection with 897 at Swartzville, Lancaster Co, PA H H Leid Auction Service

SAT JULY 18 - 10 00 A M Public Sale of the Stella Knecht Estate Real Estate and Farm, Antiques and Household Goods Located I-80 exit 37, Mifflinville, PA follow sale signs on Mifflinville-Mainville Rd 2 miles or follow sale signs on Market St in Mifflinville, PA Nevius Auction Service

SAT JULY 18 - 9 00 A M Public Sale of Real Estate, Household Items and Farm Equipment of the Estate of Fred S Fisher, Held on Peach Orchard Rd, 4 miles northwest of McConnellsburg, PA ½ mile west of McConnellsburg on Rt 30 turn north, go 4 miles to farm J Robert Meyers Auctioneer

SAT JULY 18 - 1 00 P M Horse Drawn Vehicles and Equipment, located at the Hemlock Fairgrounds, 30 miles south of Rochester, 25 miles SE of Canandaigua, 15 miles NE of Dansville on Rt 15A Hemlock, NY Universal Auction Service

PUBLIC AUCTION

At Callahan's Farm, 3 miles northwest of Queen Anne (Rt. 404) on Route 309 toward Starr...signs posted from Queen Anne, Md.

SATURDAY, JULY 25, 1981
At 11:00 A.M.

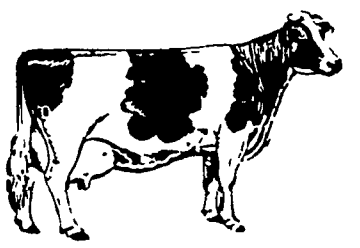
FARM MACHINERY

(2) International 856 Diesel Tractors, Int. H Tractor, (2) Int. M Tractors, set of duals for 856, (2) Int. #550 plows, Int. 12' road disc, JD 14' road disc, spring & spike tooth Harrows, Brillion Culti-Mulcher, 15' crows foot Cultipacker, Int. 4-row cultivators, JD 494 AN Planter, JD #34 Forage Harvester w/2 heads, JD #65 silo blower, JD 45 combine, 16' silo unloader & pipe, JD Flail chopper, JD #3800 Harvester w/twin corn head, Int. #510 Grain Drill 18 tyne, JD 350 Elevator, JD PTO BARREL SPREADER, 3 Hay feed wagons, post hole digger, Case heavy duty Loader, JD rear mounted mower, (3) JD #125 chuck wagons (Grove wagon), (2) scraper blades, (3) Funnel grain wagons, flat wagon, hyd. dump wagon, Rake, S.S. tank for water on wagon, milk dumping station, etc...

TRUCKS:

'64 Ford Grain Dump, '78 Ford F600 grain Dump, '68 Ford F750 Grain Dump, '58 GMC dump, '73 Ford Pickup, '73 GMC 1 ton cattle truck, '66 GMC 4000 CO Cattle Truck 20' metal body, '63 truck tractor, old cattle trailer, '60 Plymouth sedan, old GMC 1 ton truck...

CALLAHAN FARMS, INC.
Queen Anne, Md.
Lunch Served
Harry Rudnick & Sons, Inc.
Phone 301-648-5601



NEW HOLLAND SALES STABLES SUMMER HOLSTEIN PROMOTIONAL SALE

Held at New Holland Sales Stables
New Holland, PA

FRIDAY, AUGUST 14 - 7:00 P.M.

125 HEAD REGISTERED HOLSTEIN

These animals will be consigned by our regular shippers and local breeders. Several good 1st calf heifers and few service age bulls. All animals 30 day tested for interstate shipment.

Catalogs night of sale.

Henry Kettering - pedigrees

For More Information Contact

Norman Kolb — **717-397-5538**
Abe Diffenbach — **Office 717-354-4341**

Public Sales Register

Closing Date - Monday, 5 00 P.M. of each week's publication

SAT JULY 18 - 2 P M Real Estate 10 00 Antiques, Household Goods, Guns, Lawn & Garden Equipment Located on Sun Valley Rd (Between Hopeland Rd and road to Project 70) Clay Twp, Lancaster Co, PA Cyrus D Boyer Estate T Glenn Horst and Timothy G Horst Auctioneers

SAT JULY 18 - 9 A M Public Sale of Tools and Equipment, Located rear of 600 North 4th St, Lewisburg, PA W W Hoffman Owner, Wayne Hess Auctioneer

MON JULY 20 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 10 A M Public Sale of Bakery Shop and Trucks Located at Alderfer's Bakery, Inc, 377 Main St, Harleysville, PA Sanford A Alderfer, Inc

TUES JULY 21 & WED JULY 22 10 A M Public Sale of Farm Machinery, Tractors, Truck, Shop Tools, Parts and Office Equipment Terms by Heritage International Auctioneers- Frank Steller, Robert Martin and Son

WED JULY 22 - 5 00 P M Public Sale of Real Estate and Personal Property of the Late Melvin Klinger Located Rd 2 Benton, off Rt 487 north of Benton to Leg Route past Camp Lavigne to Twp Rd 702 East 4/10 mile Art Wenner Owner Auctioneers John Autotore and John Autotore Jr

WED JULY 22 - 9 00 A M Public Sale of Plumbing and Tin Shop Equipment, Truck, Hand Tools, Plumbing Fixtures and Hardware Located 833 Village Rd, Lampeter Along Rt 741 just west of Lampeter Square Sale by Harold R Minney. Howard Shaub and Roy C Probst Auctioneers

WED JULY 22 Public Sale at Green Dragon Livstock Sales Tools, Stereos, Radios, Jewelry, Sm Appliances Merle Eberly Auctioneer Terms by Bert Rose

THURS JULY 23 - 8 00 P M Public Sale at Shady Lane Dairy Sales, ¼ mile west of Quarryville of Oak Bottom Rd, Glenn & David Fite Owners

THURS JULY 23 - 11 00 A M Public Sale of Cattle Located on Kohne Rd, from Dryden take Dryden Virgil Rd, northeast approx 4 miles to Kohne Rd, turn left approx 1 mile From Cortland, take Rt 13 south aprox 1½ miles, turn left on Webb Rd to west State Rd, turn right to Kohne Rd, turn left approx 1½ miles to the farm Haakonsen Farms Owners Jack Wood Livestock & Auction Service Sale Managers

FRI JULY 24 - PA Chester White Breeders Show and Sale Held at the Lebanon Co Fairgrounds, Lebanon, PA Harry Bachman Auctioneer

FRI & SAT JULY 24 & 25 - 9 00 A M Public Sale of Tools, Farm Machinery, Horse Drawn Machinery, Lumber, Harness & Hardware, Antiques Located off Rt 83 at Exit 14 (Yocumtown) go north on Rt 392, to Yocumtown Rd, turn right go approx 2 miles sale on left Samuel F. Conley Owners Blaine N Rentzel Auctioneers

JULY 24 - 7 P M Special Driving Horse Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster, Pa just off Rt 23, New Holland, Penna

FRI JULY 24 - 7 00 P M Special Horse Sale Held at New Holland Sales Stables, New Holland, PA

FRI JULY 24 - 10 A M Public Sale of Tank Trailers, Tank Trucks, Shop Equip & Misc Held for Charles J McNulty, Corner of Lincoln & Pulaski in Riverside, NJ (Behind Chiaccio Motors) Vilsmeier Auction Co Inc

FRI JULY 24 - 7 30 P M Western MD Holstein sale at the Fairgrounds, Hagerstown, MD Reinsburg Sale Service

SAT JULY 25 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 25 - 1st Annual Benefit Auction by the Hinkletown Mennonite School Quality donated items Located just off Rt 322 along Wanner Road Leon Z Martin, Manager

ABSOLUTE PUBLIC SALE

TUESDAY, JULY 21 & WEDNESDAY, JULY 22

1054 South State Street, Ephrata. Corner of South State St. and Route 272 (Old Route 222), Lancaster Co., PA.

TUES., JULY 21, 10:00 A.M.-Parts, shop tools, office equipment.

WED., JULY 22, 10:00 A.M.-Parts, trucks, new and used farm machinery, new tractors and machinery not listed.

Used Farm Machines

International 1460 Axial Flow Combine equipped with #863 6-row Corn Head, used 490 hours; International 205 Combine, 72 model, 13' platform equipped with pick up reel, 6 cylinder engine; John Deere 4030 Diesel with 4 post frame, equipped with dual valves, front and rear weights, 495 hours; International 1066, rebuilt engine, torque amplifiers brakes, turbo, in-injection pump, good 20.8x38 tires; Farmall 656 Diesel with wide front, dual valves flat top fenders, good rubber; Farmall 350 with flat hitch, torque amplifier, independent take-off (power) new paint; John Deere #38 Forage Harvester, equipped with grass head, 2-row Snapper head, 2-row corn head; International #50 Engine Driven Forage Harvester with grass head, 2-row corn head; International 1150 Grinder-Mixer; International 990 9' Mower Conditioner; Grove 16' Forage Box, 72" sides, 3 beater; Hawk Bilt Tank Spreader, 150 bushel; International #40 P.T.O. Manure Spreader; International #70 4 Bottom Trailer Plow.

New Farm Machinery

International 4140 Diesel Skid Steer Loader, 40 h.p. all gear drive, equipped with lights 10.00x16.5 tires, 64" manure fork, 64" material bucket; International 720 Forage Harvesters' (2) equipped with 2-row corn heads; International 184 Cub Low Boy equipped with Terra tires and dual brakes.

Used Trucks

1980 International 1854 Diesel, 9000 miles, 35,000 GVW, equipped with 24' Swartz roll-back body, dual 51 gallon tanks, air brakes, stereo radio, oversize drive line, 12,000 lb. front axle; 23,000 lb. 2-speed rear axle, 236" wheelbase, DT 466, 210 h.p. engine, heavy duty 5-speed transmission, power steering, cush-n-aire drivers seat, 14 ply tires, never titled; 1975 International 1700 Loadstar, 205" wheelbase, 26,000 GVW, tilt hood, V-404 engine, 5-speed transmission, 2-speed rear, power steering, reinforced frame, inspected, we sold it new; 1980 International Scout Diesel Pickup, 6200 GVW, 4-wheel drive, driven less than 8000 miles, never titled, tinted glass, stereo radio, 6 cylinder diesel engine, heavy duty step bumper.

1980 International Scout Diesel Traveler-4 wheel drive, air-conditioned, radial tires, never titled, 6-cylinder diesel engine, 40 gallon fuel tank, stereo, radio with tape deck; 1975 International 150 Pickup, 4-wheel drive, 4-speed transmission, 8' bed, heavy duty step bumper, small V-8 engine; 1975 International 200 dual wheel, 12' flat bed, 4-speed, 345 engine; 1974 Dodge Club Cab pick-up 3/4 ton, automatic, new paint; 1972 Scout 4-wheel drive, 4 cylinder, with Meyers snow plow; 1970 Scout, 4-wheel drive, 6 cylinder.

Shop Tools

1978 A & W Dynamometer; 2 Air Compressors; Electric Diesel Test Equipment; Dake Air Over Hydraulic Press; Clausing Drill Press; Barrett Brake Riviting Machine; 2 Balfor Grinders; Quick-way Valve Grinder; Sunnen Piston Pin Fitter; 1975 Sun Engine Performance Tester; 2 Battery Chargers; Exhaust Performance Analyzer; 2 Ruger Hydraulic Cranes; Malsbury Steam Cleaner; A F[illegible]me Lift; Bay Lift; Various Heavy Duty Jacks; Work Benches; Socket [illegible]; Vat 28 Parts Cleaner; Shelving Bins; all kinds of Int. Parts

Terms by,
HERITAGE INTERNATIONAL INC.

Auctioneers
Frank L. Seller, 656-8195
Robert E. Martin & Son, 656-7770
Don & Mike Steller, Clerks

Check or Cash
Out of State Buyers
bring Cash or Certified Check

PA'S 4TH PERFORMANCE TESTED BOAR SALE

WEDNESDAY, AUGUST 26, 1981
6:00 P.M. AT
PA DEPARTMENT OF AGRICULTURE'S MEAT ANIMAL EVALUATION CENTER
651 Fox Hollow Road
State College, PA 16801

SELLING APPROXIMATELY 60 BOARS

BOARS ON TEST INCLUDE:

4 - Berkshires	8 - Landrace
20 - Durocs	8 - Spots
8 - Hampshire	32 - Yorkshire

CATALOGS AVAILABLE ABOUT AUGUST 10, 1981

FOR INFORMATION CALL: 814-238-2527

Avg Daily Gain For 80 Boars as of July 1, 1981 is 1.86 lbs./day

SPONSORED BY.
THE PENNSYLVANIA DEPARTMENT OF AGRICULTURE
In Cooperation with
The Penn State University and
The PA Pork Producers Council

WESTERN MARYLAND HOLSTEIN SALE

At the Fairgrounds - Hagerstown, Maryland.

FRIDAY EVE., JULY 24
7:30 P.M.
30 HEAD OF REGISTERED HOLSTEINS
THESE SELL:

From OWEN MARTIN - An Elevation bred heifer from a VG Kingpin dam with 721F, gr. dam VG 86 with 830F. Also 2 other bred heifers from dams with 728 and 891.

From ED KAHLER - A GP Elevation dtr. with 2-3 365d 18,300M 537F.

From CHARLES WILES - A GP Jet Stream with 3-3 305d 14,290M 610F.

From BROOK LODGE - A Milestone bred heifer from a GP dam with 611F, gr. dam has 905F.

From REMSBURG & HILL - A fancy Astronaut bred heifer from a dam with 4-4 340d 17,002M, 627F due in August.

From TOM SHAW - A Legacy bred heifer from a 710F dam, gr. dam has 753F. Due in August.

From ART ACRES - A Trust Buster bred heifer from a dam with 680F and a Jerry bred heifer from an Elevation with 578F.

From BOB FIREY - A Bunyard Moneymaker bred heifer from a VG dam with 877F. Also 2 Feb. '81 heifers by C Tamlane Rockman Senator.

From RAYMOND DIVELBISS - New Hope twin heifers from a GP dam with 680F.

From LESTER STRITE - S-W-D Valiant heifer calf born 12-9-80.

From SAM WINTERS - Jemini heifer calf from dam with 610F.

Many other good ones!
Sponsored by the Washington County Holstein Association

REMSBURG SALE SERVICE
Sale Manager & Auctioneers
Jefferson, Maryland 21755
Phone: 301-473-8214

PUBLIC SALE

Of W.E. Minney & Son
(70 years In Business)
PLUMBING & TIN SHOP EQUIPT. - TRUCK, HAND TOOLS - PLUMBING FIXTURES & HARDWARE

WEDNESDAY, JULY 22, 1981
At 9:00

Located 833 Village Road, Lancaster, Pa. (along Rt. 741 just west of Lampeter Square).

Hand operated 8' Double Truss & Cornice metal brake; 30" Niagra metal sheats; 36" Fayette braker; Niagra metal crimper; Niagra bead crimper; Peck & Stone crimper & beader; bucket bottom crimper; old. lg. & sm. tin bench plate & mandrills; tin hand crimping blocks; B & D #40 drill press; elec. Oster pipe power boy; port. air compresser on wheels; Hydromatic sump pump; old Myers pump 29-50 working head; 2-67 4 sec. Weil McLain boiler units; 52 gal. Bradford elec. water heater; 28' & 40' wooden ext. ladders; wooden, straight & 3 step ladders; elec. Stanley tin cutters; ¼" elec. drill. Lots of plumbing & other tools; bathroom articles; pipe of all kinds; lots of rope; florin pot belly stove; bucket-a-day stove. Wooden barrels, adv. boxes, nail kegs, wash tugs & clothes dryer. Jugs; single tree; pine flour chest. Oak: rocker, display case & chairs. Lots of articles not listed. 1961 Chevy pickup truck w/metal bed & utility boxes. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
HAROLD R. MINNEY
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

PUBLIC AUCTION

GUNS, SADDLES, HANDMADE ARTICLES, ANTIQUES

SATURDAY, AUGUST 1, 1981
At 10:00 A.M.

Located in Quarryville, Pa. at the Hoffman Community Bldg. From Lancaster go South on Rt. 222 into Quarryville turn left at light (State St.) go to Lime St. turn right on Rt. 472 ¼ mile to sale. From Rt. 1 take Rt. 222 North to Park Ave. just entering Quarryville, 1 mile to sale. Or from Rt. 1 take Rt. 472 North to Quarryville, Pa.

Matching Colt 45's single action, 7½" barrel, nickel plated, 3 sets of grips Ebony, Pearl & Stag, Consec. Serial No's; 5½" Colt 45; 3 Army Colts 5½ & 4¾" barrels; all Colts w/case hardened frame & blue finish Ebony grips; Two gun gun belt, ARVO OJALA; other one & two gun gun belts, embossed leather; Approx. 18 to 20 rifles; 30-30 model 1894 & 30 WCF lever actions, recurved butts; Win. model 1906, pump, round barrel; Win. model 90, pump, 22 WRF Octagon barrel; Win. model 94, 30 WCF peep sight; 3 Win. 30 WCF model 1894 & 94 saddle ring, lever action; 1 model 1894 stock stamped SPRB, other side B17; Win. model 92, 44 WCF saddle ring mount; Win. model 1892 Mother of Pearl Medallion on stock; Win. 38 & 32 WCF model 1892 Octagon barrel; 10 SADDLES, 1 original Coggshall; saddles from New Mexico, The Western saddle Mfg., Denver, Colo., Texas Tanning Mfg., Yoakum, Texas, Etc.; Stetsons & Hoot Style Hats; Mexican Sombreros; All kinds of beautiful handmade knives, spurs, branding irons, bridlebits, concho belts, tomahawks, peace pipe, iron Chandelier w/owl; Mason & Hamlin Pump Organ; Rayo lamp; brass cuspidor; bronze railroad steam engine whistle; brass nude figurine; sets of hand & leg irons; mantel clocks; dime novels; wagon tool box; other brass items. Items to numerous to mention.

Not responsible for accidents day of sale. No out of state checks, unless you show an established line of credit. Refreshments available. Guns will be on display on friday, July 31, from 2 to 8 PM.

Terms by
Helen Swack, for the Estate of
JOHN A. SWACK Dec'd, Blacksmith
Auct. Conducting sale are
Lloyd. H. Kreider & Randal V. Kline
& Gary L. Shirk

KREIDER & KLINE AUCTIONEERS
Phone 717-786-3394
or 717-733-1006

AUTOTORE'S AUCTION

WEDNESDAY, JULY 22

Starting at 5 P.M.

Benton R.D. 2 off route 487 North of Benton to Leg. route past Camp Lavigne to Twp. Road 702 East 4 tenth mile (Follow auction signs)

Real Estate & Personal Property of the late Melvin (SAM) Klinger. Farmall A wide front tractor, front mount cultivators, mounted 2 bottom plows, 5' sickle bar mower, 2 sec. harrow, 3-2 wheel wagons, bench grinder, power grind wheel, B&D 7¼" circular saw, ½" drill, B&D sander, Rockwell ½" drill, some primitive tools, bag truck, 14" cut cord wood saw, 14" extra blade, odd lumber, wheelbarrow, home made table saw, shop vac. ETC.

6 painted arrow back plank chairs, 5 oak spindle chairs, oak desk, Eastlake dresser, (w/towel rack), oak 6 leg ext. table, oak dresser, oak chest of drawers, pine chest, Eastlake washstand, Mission tressel table, wood benches, meat benches, Maple desk, walnut buffet, wood & coal stove, 30" Kenmore range, Kerosene lamp, dishes, cooking utensils, etc, etc.

Real estate to be offered at 6:30 P.M.

Located in Sugarloaf Twp. Columbia County, Benton school district. Farm has app. 61 acares w/300' hard road frontage w/34 acres & 27 acres split by road. App. 30 tillable & 25 woodland acres. Good well & septic system. Sml. stream on lower level. Excellent hunting area. Main house has 8 rooms & bath, cellar & attic. Elec. heat w/coal backup. out sheds & lg. barn in good condition. Also a 2 story home used for hunting lodge. Preview dates for Real Estate are Sunday, July 12 & 19 from 1 P.M. till 4 P.M.

Terms - Personal Property - Cash

Real Estate - $5,000 down day of auction balance in thirty days. Buyer pays all transfer taxes. Statements made day of auction take precidences over any previously written material.

Seller-Executor

ART WENNER

Auctioneers - John Autotore 784-3506
John Jr. 784-0381

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JULY 25 6 00 P M Public Sale of Real Estate Located Rd 1 Benton off Rt 487 north of Benton to Twp Rd 723 to Leg Rt 19071 to former Raven Creek Garage George and Juanite Ricker John Autotore Auctioneer

SAT JULY 25 - 12 Noon Heifer Sale at Solanco Fairgrounds, Quarryville, Pa Sponsored by Solanco Fair Association

SAT JULY 25 - 9 00 A M Public Sale of Farm Equipment, Household, Tools and Real Estate Located Rd 2, Danville, PA, Liberty Twp off I-80 Exit 33 to Rt 54 East to 642 West to Mooresburg on Leg Rt 47041 Harry B and Elva E James Owners John Autotore and John Autotore Jr Auctioneers

SAT JULY 25 11 A M - Public Auction of Heifers and Farm Machinery Located 1 mile east of Strasburg along Rt 896, first farm on the left Terms by Eugene M Rhorer Auctioneers Lloyd H Kreider, Randal V Kline and Gary L Shirk

SAT JULY 25 - 8 30 A M Public Sale of Antiques, Household Goods, Lumber, Trailer, Located at Rd 1 Annville, South Londonderry Twp, Lebanon Co, PA Turn north off Rt 322 at east end of Campbelltown at Leed's Corner Store onto Rt 117 known as Forge Rd and continue to first road right being Hinkle Rd to farm on right From Rt 422 in Palmyra turn south onto Rt 117 at Klick Lewis and left onto Hinkle Rd Harvey and Nora Krall Owners Harry H Bachman and Tom Eckenrode Auctioneer

SAT JULY 25 11 00 A M Public Sale of Farm Machinery and Trucks, At Callahan's Farm, 3 miles northwest of Queen Anne (Rt 404) on Rt 309 toward Starr, Harry Rudnick & Sons Auctioneers

SAT JULY 25 - Public Sale at Good's Auction 111 N Maple Ave, Leola, PA

SAT, JULY 25 - Public Sale of Apartment Building located on the square, village of Bryansville, York Co, PA Jervis S Marshall Auctioneers

SAT JULY 25 - 10 00 A M Public Sale of Antiques and Household Located in Orangeville, Rohrsburg Highway, turn off Rt 487 at the Nor-Pole Ice Cream Rest Estate of Della Moore Nevius Auction Service

SAT JULY 25 10 30 A M Tractor, Machinery Consignment Auction To be held at our yard, corner Rt 38 & 38B, Newark Valley, NY (25 minutes West of Binghamton, 6 miles North of Owego) Sale Managed by Goodrich Auction Service Auctioneer Rd Goodrich, Jr

MON JULY 27 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 27 - 5 P.M Short Notice Absolute Auction Located at Hollinger's Farm Market, Inc, 1755 West Main St, Ephrata, Pa. Auction by Hollinger's Farm Market, Inc Auctioneers John E & Paul E Martin

TUES JULY 28 - 7.00 P M Holstein Dispersal at the John Mummau farm in Franklin Co, midway between Shippensburg, PA and Chambersburg, PA turn west off Rt 11 at Wen-Lee farm, next farm back Jay R and Beverly Beidel, Owners V Art Kling Auctioneer Fred Naugle Pedigrees

PUBLIC AUCTION

MARTIN AUCTIONS

OF 10 ACRE FARMETTE

SATURDAY, AUGUST 1, 1981

2:00 P.M.

Location- Take Route 272 North from Ephrata to Route 897 turn north onto Route 897 toward Reinholds 1½ mile to Holtzman Road turn right 9 tenth mile to Black Horse Road, turn right to 1st farm on left. East Cocalico Township, Lancaster County, Pa.

10.09 Acre Property with the Following Improvements

2½ STORY FRAME DWELLING

this dwelling could be used as a single home or for a double home. Contains 2 kitchens, 2 dining rooms, 2 living rooms, 2 full baths, 2-half baths, 5 bedrooms. Enclosed rear porch, large verenda type front porch, attic storage, cement basement, oil hot water, radiator heat with 2 circulators, 2-30 gallon hot water heaters.

LARGE 2-STORY SANDSTONE BANK BARN

- 102' x 23' 3-Story Masonary Chicken House
- 32' x 32' 3-Bay 2-Story Garage attached to a 29' x 38' 2-Story Butcher Shop with Brunnerville Furnace and ½ Bath.
- Picnic Pavillion
- Several other small buildings
- Well with pressure system
- Approx. 680 feet frontage

Open House- Saturday, July 18 and Saturday July 25, 1981 from 12.00 Noon to 3.00 p.m. or by appointment. Call Eugene Martin at 215-267-2690 or call auctioneers.

Terms- 10% down day of auction, balance at final settlement within 60 days. Possession at final settlement.

Acreage- 10.09 acres, part of which is open farmland and part woodland.

Financing- Partial owner financing available to qualified buyers.

Auction By-

EUGENE K. & EARL S. MARTIN
215-267-2690

Auction Conducted by-
John E. & Paul E. Martin Auctioneers
717-733-3511 — 717-733-3305, Ephrata, Pa.
Morgan, Hallgren, Crosswell & Kane, Attys.
Michael P. Kane, Attorney

2-DAY

PUBLIC SALE

OLD TOOLS - FARM MACHINERY - HORSE DRAWN MACHINERY - LUMBER - HARNESS & HARDWARE - ANTIQUES

FRIDAY, JULY 24
SATURDAY, JULY 25

Starting at 9:00 A.M. Both Days

LOCATED: Off Rt. 83 at Exit 14 (Yocumtown), go North on Rt. 392 to Yocumtown Rd. Turn right go approximately 2 miles, sale on left.

Old tools of all descriptions, new nails, screws, door tracks, new window sash of various sizes, turn buckles, electric motors, measures, yard gates, yard fence, cable, chain, tool boxes full of tools, straw knives, work bench, vises, wooden pulleys, chisels, cut nails, anvil, Black Smith tools, traps, wooden wheels for wheelbarrows, hand pump, bag trucks, (wooden), Snitz Dryer, old express wagon (wooden), wooden wheels and axles, pump jack, barn door hinges, meat grinder, horse shoes, new barb wire, rolls of 47" high fence, chicken equip., rope Block & Falls, belting, berry boxes, belt carrier, handy man jack, 50 cattle chains, mower blades, screw jacks, wedges, saws, digging irons, sledge hammers, culti. shovels, steeples, chain - chain tightners, Craftsman Table Saw, burlap bags, woven baskets, Platform scales, chicken crates, 3 bushel grain bags, scoop shovels, hydrants, poultry wire, hay forks, milk cans, drain tile of various sizes, steel seats, single & double trees, 3 & 4 horse hitches, drums, forks, sheef forks, shovels & rakes.

John Deere 520 tractor w/3 pt. hitch, power steering & live PTO, John Deere B tractor w/live hydraulic & Rolo Matic, D.C. Case tractor - Standard w/Belt Pully, J.D. 3 pt. 14" Plow, John Deere 28 Blade Pull Disc, J.D. Quick Tack Cult. for B, J.D. 46 Loader for 520 tractor, snow blade for J.D. Loader, New Idea 4 Bar Hay Rake on steel w/tractor & horse tongue, 2 section Spike Harrow, Farmall F12 tractor, 8 ft. McCormick Deering Binder, McCormick Deering 4 wheel Manure Spreader, McCormick riding Culti., J.D. 999 Corn planter, Dump Rake, McCormick Deering horse mower, hay ladder, wagon w/bed & wooden wheels, 3 pt. Boom pole, 3 section Spring Harrow, 15-8 Ontario Grain Drill, J.D. rubber tire wagon w/flat & sides, Harvest Handler elevator w/motor, (2) J.D. #5 Semi Mtd. mowers, New Idea 12 A Spreader, 1 horse Culti., walking plows, (1 wooden beans & 3 steel beans), Gehl 2 row Stalk Beater, 200 gal. trailer Sprayer, Spike Perry Harrow, Weeder 3, Platform scales, harness, collars, hames, fly nets, check lines, new & used, air compressor, 2 - 2 hole corn shellers w/baggers, (Mountville & Buck,) 4 can milk cooler, electric water heater for milk house.

Lumber of all sizes & barn beams up to 28 ft. in length, new stair treads, window sash (new), shovel plow, potato forks, corn hooks, steel wheels, grain cleaners, 1 horse wagon, farm & yard gates, Black Smith forge & tools, tires & wheels, mud pan, tractor chains, etc. "2 HORSE WAGON MADE IN ELIZABETHVILLE, PA. WITH STAGGERED SPOKES".

TERMS: CASH OR GOOD CHECK.

AUCTIONEER'S NOTE: This is only a partial listing of what we have for sale. Mr. Conley has lived here for 50 years & has traveled to many sales & has now sold his farm & has no further use for these items. We will sell out of building on Friday all day & Sat. till noon. At noon time we will sell large items lined up in the field. There are many old items so don't miss this sale.

SAMUEL F. CONLEY
Etters, R.D. #1
Penna.

AUCTIONEER: Blaine N. Rentzel
Box 222, Emigsville, Pa. 764-6412

NOT RESPONSIBLE FOR ACCIDENTS SALE DAYS.

TRACTOR, MACHINERY CONSIGNMENT AUCTION

SATURDAY, JULY 25

10:30 A.M.

To be held at our yard, corner Rt. 38 & 38B, Newark Valley, NY. (25 minutes West of Binghamton, 6 miles North of Owego).

Approximately 20 farm tractors plus dozers, backhoes, trucks, 75 pieces equipment including combines, balers, discs, etc. Miscellaneous other items.

Sale Managed By,

GOODRICH AUCTION SERVICE
Newark Valley, NY 13811
607-642-8688

Auctioneer & Ringman
Ed Goodrich, Jr. - Newark Valley, NY
Jack Hussey - Cooperstown, NY

PA CHESTER WHITE BREEDERS

SHOW 5 p.m.
SALE 7 p.m.

FRIDAY, JULY 24

Lebanon Co. Fairgrounds, Lebanon PA.

Selling

- ★ Boars
- ★ Open Gilts
- ★ Bred Gilts
- ★ Crossbred Gilts

Judge - Ronald Trostle
Auctioneer - Harry Bachman

Charles E. Greist
RD1 Abbottstown, PA 17301
Eves. 717-624-8421

AUTOTORE'S AUCTION

SATURDAY, JULY 25

Starting at 6 P.M.

Loc. - Benton R.D. 1 off route 487 North of Benton, to Twp. Road 723 to Leg. route 19071 to former (Raven Creek Garage) Follow auction signs.

Valuable 55 Acre Farm w/app. 24 tillable acres & 31 wooded, 3 sml. streams & 1 pond, located in excellent hunting area.

Farm to be offered at 6 P.M. located in Sugarloaf Twp., Columbia County-Benton School district. Main house has new roof, storm windows, elec. heat supplementary wood fired furnace (hot air), 4 bedrooms & bath on second floor. Lg. kitchen and living rooms on first floor, cellar & attached carport. Also lg. 3 story block & wood building suitable for repair shop w/additional livestock & chicken quarters, One car garage, pond is located in a desirable seculded area. Also some household items to be sold.

Terms - Personal property - Cash

Real Estate - $6,000 down day of auction, balance in thirty days. Buyer pays all transfer taxes. Statements made day of auction take precidences over any previously written material.

Sellers:

GEORGE & JUANITA RICKER

Auctioneers: John Autotore 784-3506
Preview of property is Sunday, July 12 & Sunday July 19 from 1 P.M. till 4 P.M.

Public Sales Register

FRI JULY 31 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI, JULY 31 - 6 30 P M Sale by PA Yorkshire Co-op of Bred Gilts, Open Gilts and Boars at Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717 273 5880

AUGUST

SAT AUG 1 - 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co

[illegible] Owners Carl and John Diller, Auctioneers

SAT, AUG 1 10 00 A M Public Sale of Guns, Saddles and handmade articles, located in Quarryville at the Hoffman community building along Kirkwood Pk, Rt 472

Sale by Helen Swack Auctioneers Lloyd H Kreider and Randal V Kline and Gary L Shirk Auctioneers

PA STATE CHESTER WHITE SALE

Held at the Lebanon Fairgrounds, Lebanon, PA.

FRIDAY, JULY 24

7:00 P.M.

Selling:

5 Service Age Boars
10 Open Gilts
3 Bred Gilts

Bred to the 2nd place boar at 1981 SE Spotlight

Pseudorabies Free Herd #10
Brucellosis Free Herd #72

Congratulations to Edwin Ranck, Christiana, PA on having 1st place light weight. Pen of Market Hogs at the Lancaster Stockyards Market Hog Show. These were Chester White Crosses out of boars purchased from us. (We have Chester White and Spotted Breeding stock for sale at all times.)

James T. Parlett
RD 2, Airville, PA 17302
717-862-3610

AUCTION

COMPLETE LIQUIDATION OF BAKERY SHOP & TRUCKS
For; Alderfer's Bakery, Inc.
377 Main Street, Harleysville, PA
MONDAY, JULY 20, 1981
10:00 A.M.
BAKERY EQUIPMENT & SUPPLIES

Include Cox Denholm rotorack oven, 5 rack capacity, oil fired, service 5 yrs.; Flex-O-Matic oven, 6 shelf, 36 bun pan capacity, oil fired; 4 mixers: Eberhardt Maximat spiral mixer/2-bag capacity, A.M.F. Glen 120 model 74-47 w/2 bowls, Century vertical mixer w/2 bowls, Hobart 80 qt. mixer w/2 bowls; Refrigeration: Fogel 3 dr. reach-in refrigerator, Bally walk-in freezer w/Kramer compressor, refrigeration unit w/Copeland Compressor, 2-2H.P. commercial compressors, tree racks, bun racks, transport racks, metal & plastic ingredient bins, handstretch wrapping machine, Colborne bench pie roller, 2 Hydro-Matic pie presses w/dies & spare parts, Anets auto. elec. proof box/4 rack cap., Carborne dough divider, 2 s.s. 55 gal. drums, 4 work tables w/ h.w. tops, s.s. work tables, National B.W. 6 wrapping machine, Autoprod single piston filling machiner, Dutchess 36 part divider, Vulcan 693 gas cooker, 3-burner tabletop gas stove, 2 copper kettles, 4 pan dollies, Kopy Kake decorating machine, & assort. wedding cake ornaments & cake decorating novelties, steel pans for layer cakes from 6"-10" & many other pans, a supply of foil pans ¼ sheet Kaiser & 399-40 Kaiser, round & square wedding cake pans, approx. 200 packing cases, 3 fire extinguishers, grouping of alum. & steel sheet pans, & other related bakery items.

OFFICE FURNITURE

Will include elec. National Cash Register Mod. #21, Columbia steel desk, checkwriter, Cinn. time clock w/card holder, floor fans, wall fan, L & A pressure washer & many other items by the day of the sale.

3 WALK-IN TRUCKS

w/A-Titles: 1980 GMC 12' Olson alum. body, V-8 auto., dual wheels, 9,000 miles; 1979 Chevrolet 12' alum. body, V-8 auto., dual wheels, 27,000 miles; 1978 Chevrolet cube van 10' steel body, V-8 auto., single wheels, 19,000 miles; all 3 in excellent condition.

TERMS - Cash, Certified Check, or Personal Check w/Bank letter guaranteeing payment.

LUNCH

SANFORD A. ALDERFER, INC.
Real Estate Brokers and Auctioneers
Harleysville, PA - 723-1171

MARTIN AUCTIONS

SHORT NOTICE
ABSOLUTE AUCTION

Due to possible future expansion the undersigned will sell the following items. Everything to be sold to the highest bidder regardless of price.

FIVE GREENHOUSES - FARM BUILDINGS - GREENHOUSE EQUIPMENT & SUPPLIES - ASSORTED SHRUBBERY & TREES
MONDAY, JULY 27
SALE TIME 5:00 P.M.

Location: Hollinger's Farm Market, Inc., 1755 West Main Street, Ephrata, PA. 17522.

The following building to be dismantled and removed from the premises on or before Sept. 5, 1981. These buildings will be sold at approximately 6:00 P.M.

1. 49x12 STEEL FRAME GREENHOUSE stepdown fiberglass covered with aluminum extrusions and team I controllers and central boxes with 24V contactors, "Good Condition."
2. 49x112 STEEL FRAME GREENHOUSE glass covered with aluminum extrusions and team I controllers and control boxes with 24V contactors. "Good Condition."
3. 29x96 WOODFRAME GREENHOUSE with fiberglass cover.
4. 17x112 SUPERLITE PLASTIC HOUSE 8-ft. high aluminum structured, made by Oehmsen Plastic Greenhouse Mfg., Bohemia, N.Y.
5. 10x88 WOODFRAME GREENHOUSE 8-ft. high plastic covered.
6. 16x99 FRAME AND BLOCK BUILDING with aluminum roof.
7. 30x50 FRAME TOBACCO SHED with stable area and attached 9x15 lean-to garage.
8. 17x18 FRAME 2-CAR GARAGE.
9. 23x42 OPEN FRONT BUILDING.
10. 52x60 FRAME 1-STORY CATTLE BARN with cement block troughs, feed rack, pipes, gates, bins and blower pipe.
11. 9x45 CONCRETE STAVE SILO with roof.
12. 28x40 FRAME AND BLOCK HOG BUILDING.

Greenhouse Equipment

Weil McLain No. 886 Oil Fired Steam Boiler, Used 3 Seasons; 4 48-Inch Fans with Wall Housing & Guards 208V; 4 30-Inch Fans with Wall Housing & Guards 115V; 4 18-Inch Fan Jets with Heat Kits; 2 30-Inch Fan Jets with Heat Kits & Shutters; 24 Inch Fan Jet with Heat Kit & Shutter; 9 Modine Hot Water or Steam Unit Heaters; ½ H.P. Submersible Pump with Control; 5 ¾-Inch Steam Traps; Duracell DP82 Pressure Tank; Electric Water Feeder; Condensation Pump; 2 26-Inch Motorized Shutters; 2 48-Inch Motorized Shutters; 3 45-Inch Motorized Shutters; 1 42-Inch Motorized Shutter; 2 Cu. Yd. Sterilizing Pan, 2 Temperature Alarms; 20-Gallon Water Conditioner; GEWA 6-Gallon Fertilizer Injector; 5100 On-Off Watering Tubes, Various Sizes; 275 Gallon Oil Tank; 40 6'x18' Wire Mesh Plant Tables; RHEEM 95,000 BTU OIL FIRED HOT AIR FURNACE; 3 37x37 Motorized Shutters; 48" Fan With Housing Guard & Shutter 208V; 36" Fan with Housing Guard and Shutter 115V 2-Spd.; Rheem 40 Gallon Gas Water Heater; 2 Hasting LP 96,000 BTU Unit Heaters; Mist-A-Matic with Strainer Solenoid; Lindig Soil Shredder with 1 H.P. Motor; 6 Fluorescent Lights; 6½ Cases New Greenhouse Glass; 4 Cases 20x24, 1½ Case 16x24, 1 Case 24x26, Also Used Glass in Various Sizes.

Greenhouse Supplies

340 11¼x24x2" Wooden Flats; 1735 11¼x22½x2" Wooden Flats; 250 12x18x3 Wooden Flats; 1 Case 2¼, Peat Strips; 100 8½x9 Henry Rose Pots; 55 12x11 Henry Fibre Pots; 150 9x9 Henry Fibre Pots; 9 Cases KF 601 Stripes; 100 Plastic Classic 600 Pots; 9 Cases Kord No. 128 Packs; 1500 2-Qt. Polytainer Pots; 400 3-Qt. Polytainer Pots; 1 Case 10-Inch Azalea Pots; 1000 3½x3½ Plastic Pots; 450 4½" Geranium Pots; 1 Roll 6 Mill 20x1000 Clear Plastic; 1 Roll 6 Mill 28x100 Clear Plastic; 1000 Lin. Ft. Vented Poly Tubing; 2000 Sq. Ft. Poly Propylene Shading Cloth; 3 Bags Fertilizer Soluble; Assorted Cold Frame Sash.

Farm Equipment - Lumber And Misc. Items

Farmall A Tractor with Cultivator, Plow, Cornplanter, Tandam Disc, Snowblade, New Tires; Farmall B Tractor with Cracked Block; 10x32' Storage Trailer; 9'6"x18 Storage Truck Box; 10x39 Storage Trailer; John Deere Disc Harrow; 2 Section Spring Harrow; Cultipacker; 2 Wheel Trailer; Row Marker; Galvanized Pipe; Wiring; Baskets; Boxes; 110 Lineal Ft. 6' High Upright Board Fence; 500 Lineal Ft. 1x12 and 1x8 Used Barn Siding; 4x8 - 6x6 - 6x8 Mostly Spruce & Pine in Various Lengths; Molded Tongue & Groove Solid Pine Logs; 5 Gallon Buckets; 20 22-Ft. Wood Trusses; 35 Sheets 10-Ft. Galvanized Roofing; 8 2x12x16 Planks & lots of Other Assorted Sizes Used Lumber.

Trees & Shrubs

47 Rhododendrons; 9 Pieris Japonica; 28 Azaleas; 142 Miniature Roses; 6 Male American Holly; 12 English Holly; 8 Spirea Van Houttei; 6 Pink Flowering Almond; 30 Japanese Red Maple; 90 Perennial Phlox 1 Gallon; 50 Assorted Peonies; 10 Lilacs; 50 Bristol Fairy Gypsophila; 16 German Iris; 25 Assorted Clematis; 18 Silver Lace Vines; 9 Red Rose of Sharon; 10 Blue Mist; 8 Blue Hydrangea; 5 Exbury Azaleas; 24 Blueberry Plants; 10 Gooseberry Plants; 18 Assorted Butter Fly Bush; 7 Red Weigela; 5 Fragrant Viburnum; 6 Pyrachantha; 9 Skimmia Japonica; 24 Pyramidal Arborvitae; 4 Pyramidal Boxwood; 40 Blue Rug Juniper; 17 Sargent Juniper; 95 Leyland Cypress, Not Potted; 33 Spreading Yews; 13 Bar Harbor Junipers; 17 Sweet Cherry Trees; 30 Assorted Semi-Dwarf Apple Trees; 20 Peach Trees; 7 Stanley Plum Trees; 4 Apricot Trees; 20 Assorted Grape Vines; the above listed trees and shrubs are subject to prior sale.

This is a partial listing there are many other items too numerous to mention.

AUCTION BY:
HOLLINGER'S FARM MARKET, INC.
1755 WEST MAIN ST., EPHRATA, PA.
717-738-1131

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511—717-733-3305 Ephrata, PA.

AUCTION SALE

COMPLETE LIQUIDATION
FRIDAY, JULY 24
10 A.M.

FOR: CHARLES J. McNULTY, corner of Lincoln & Pulaski in Riverside, N.J. (Behind Chiaccio Motors). Everything Sells to the Highest Bidder.

TANK TRAILERS: Wilco 7,700 & 7,000 gal.; Heil 7,000, 6,500 & 5,000; Great Dane 6,500; Trailmobile 6,200 & 6,000; TANK TRUCKS: 75 Mack w/5,000 gal.; 71 White w/4,600; (2) 67 Ford w/3,000; 65 GMC w/3,000; MISC. TRUCKS: 68 & 67 Mack Tractors; 69 IHC Tractor; 73 IHC Van Body Tk.; 74 Ford Ranchero; 77 Chev. P/U; 69 Ford Van; Great Dane Van Trl.; TRUCK, PARTS, SHOP EQUIP. & MISC.. Maxidyne Eng.; 47 Dodge P/U; Steam Cleaner; Saw; Vacuum; Tires & Rims; Fuel Tank; Pump; Tank Parts; Office Equip.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

Everything Sells Regardless of Price. Write for brochure:

VILSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa. 18936
Telephone: (215) 699-5833

PUBLIC AUCTION

COUNTRY ANTIQUES - HOUSEHOLD GOODS
LUMBER — 31' HOLIDAY TRAILER
SATURDAY, JULY 25, 1981
8:30 A.M.

To be held on the premises located at RD 1 Annville, South Londonderry Twp., Lebanon County, Penna. Turn north off rt. 322 at east end of Campbelltown at Leed's Corner Store onto rt. 117 known as Forge Road and continue to first road right, being Hinkle Road to farm on right. From rt. 422 in Palmyra turn south onto rt. 117 at Klick Lewis and left onto Hinkle Road.

12 lite Dutch cupboard; 5 drop leaf and ext. tables; S curve roll top desk; large asst. of plank and other chairs; 6 pc. early marble top bedroom suite; rope beds; Victorian oak love seat; 2 blanket chests; 3 cradles; high chairs; oak sideboard; 5 wood and pot belly stoves; 5 rocking chairs; ice box and kitchen cabinet.

Copper and brass kettles; lots of crocks and jugs; bracket lights; dozens of bone and wooden handle knives, forks, etc.; hanging kerosene lights; candle molds; Bennington spittoon; clocks; pressed and pattern glass; few guns; quilts inc. large star, triangle patch, Emanual Meily 1834 coverlet and others; tinware and lots of other small unlisted antiques and furniture.

100 PCS. CARNIVAL GLASS 100 PCS.

Some Millersburg and Northwood - lots of purple - asst. variety of patterns - incomplete water sets and punch bowl sets; some rare hard to find pcs. inc. Red Rose 14" platter, pink opalescent banana boat, white 9" dish, 7 pc. green raspberry water set and other glass in orange, green and purple in asst. patterns and styles.

31" HOLIDAY RAMBLER TRAVEL TRAILER with 16" FOLDING AWNING

lots of extras - real nice condition

3 walking plows; over 30 milk cans; 2 hole corn sheller; lots of misc. shed items; butcher equipment inc. kettles; ladles; stirrers; benches; meat hooks; single and double trees; gamble sticks, etc.

New 10'x7' wooden garage door - in box; new lumber inc. 6x6x14 and 8x8x14 oak; 16 - 8 locust posts; used lumber inc. 2-5x5x10 oak; 11-4x6x10 oak; 29-9' hewn logs; 1-6x6x11 oak; 6-6x6x20 oak and lots of other used lumber.

Conditions by:
HARVEY AND NORA KRALL
717-838-2862
Harry H. Bachman - Auctioneer
717-867-1809
Tom Eckenrode - Auctioneer
717-838-4224

Lunch by Farm Women Group 3

NOTE: TERMS CASH - 2 auctions to be conducted at one time - come prepared to buy

REAL ESTATE AUCTION
TUESDAY EVENING, JULY 21, 1981
5:30 P.M.

Located in Perry County, Juniata Twp., 2 miles West of Little Buffalo State Park, on the corner of Little Buffalo Rd. #431 and Cold Storage Road (Legislative Rd. 50005), 1 mile South of Skyline Corner.

133 ACRE FARM, Wooded and Open with 3 Bedroom Frame House, over a mile of Road Frontage on Cold Storage Road and Little Buffalo Road; Little Buffalo Creek flows through property.

Farm will be offered in 5 different tracts and then offered as a whole.

TRACT #1: 33 Acres in Cold Storage Road and Corner of Little Buffalo Rd.; Approx. ¼ Open Fields, Balance hardwoods and pines with small stream; Road Frontage on 2 Roads.

TRACT #2: Frame House and outbuildings on 10 Acres, Approx. ½ Wooded. Lot has Pasture on Little Buffalo Creek. 3 to 4 Acre open field in back of house. (Nice for the Horse Lover)

TRACT #3: 42 Beautiful Acres, approx. half good open farm ground; Sets high on the hill; Outstanding View. Comes with several farm roads.

TRACT #4: 34 Acres, approx. ⅓ Open farm ground, balance wooded. (Hardwoods & Pines) 2 Small streams; Very secluded. Lot has farm road from front to back. "If you want privacy, HERE IT IS!"

TRACT #5: 14 Acres on both Sides of Little Buffalo Creek, approx. ½ open, balance wooded. Prime Building Lot.

"All lots come with good Perk Test and Survey. All have ample Road Frontge!"

Property will be offered as 5 separate tracts and then offered as a whole.

TERMS: 20% Down, Balance within 30 Days. ONLY 2 MILES FROM LITTLE BUFFALO PARK. COUNTRY LIVING ONLY 30 MINUTES FROM HARRISBURG.

REBECCA L. GREEN ESTATE

Roger T. Green (814) 692-8576
Barbara G. Reidlinger (717) 921-2441
(717) 921-2722
Sale By: Kling's Auction Service
Landisburg, Pa.
(717) 789-3883

Public Sales Register

Closing Date - Monday, 5:00 P M. of each week's publication

SAT AUG 1 - 2 P M Public Auction of 10 09 acre Farm Location - Take Rt 272 north from Ephrata to Rt 897, 1½ mi to Holtzman Road, go 9/10 mi to Black Horse Road turn right to first farm on left Owners- Eugene K Martin and Earl S Martin Auctioneers - John E and Paul E Martin

SAT AUG 1 - 10 00 A M Public Sale of Real Estate Lot #1 7 room rancher, Lot #2 2 acre woodland lot, Household Goods and Tools Located 2 miles south of Rt 322 along Narvon Rd midway between Blue Ball and Honey Brook Elmer T & Joan Fryburger Auctioneers Leroy S Horst and Arthur E Nolt

SAT AUG 1 - 8 30 A M Public Sale of Nelson Farm Supply, Equipment, Furnishing, Fixtures, Parts and Supples Located along South Main St, in the Borough of Biglerville, Adams Co, PA Musselman Fruit Products and Gettysburg National Bank Owners Clair R Slaybaugh Auctioneers

MON AUGUST 3 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES AUG 4 5 30 P M Public Sale of Real Estate Located in Perry Co 10 miles west of Loysville on PA Rt 850, adjoining Tuscarora State Forest Daniel Derr II Owner Kling's Auction Service

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI AUG 7 - Perry Co Princess Promotional Sale Sponsored by Perry Co Holstein Club Kling's Auction Service, Mgrs, Landisburg, PA

FRI AUG 7, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 7 7 30 P M Public Sale - 4th Annual Perry Co Princess Promotional Sale Held at Art Kling Sale Barn, 12 miles north of Carlisle on Rt 74, 2½ mi NE of Landisburg, Perry Co, PA Perry Co Holstein Club Kling's Auction Service Managers

SAT AUG 8 - 10 00 A M Public Sale of Real Estate, Antiques and Collectibles and Personal Property, Located 2 miles northeast of Hegins along Valley Rd in Deep Creek Valley, Hegins Twp, Schuylkill Co, PA 8 miles west off I-81 exit 35 Ida M Shadle Owner George and Mike Deibert Auctioneers

SAT AUG 8 - 145 Cows at Auction, Located 8 miles south of Dover, turn west from US Rt 13 at sign to Woodside, go thru village to farm, 1½ miles from Rt 13 Woodside, DE Ann Ayr Farm Owners

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON AUG 10 - 9 30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

MON AUG 10 - 10 A M Public Sale of Large NY State Potato Farm Held in Wayland, NY Pirrung Auctioneers

MON AUG 10 - 5 30 P M Public Sale of Farm Equipment Located in York Co, PA 2 miles east of Spring Grove on Rt 116, thence turn south onto Bairs Station Rd and go to Bairs Fire Hall and turn west ¼ mile to sale William H Senft Owner Clair R Slaybaugh Auctioneer

WED AUG 12 - Public Sale of New & Used Farm Equipment and Tools Located miles south of Rt 23, between New Holland and Leola, turn off S Groffdale Rd at 601 Musser School Rd Robert E Martin & Son 656-7770, Frank L Steller 656-8195 and Blaine Rentzel Auctioneers

THURS & FRI AUG 13-14 Large Sale of Farm Equipment at Horsts Machinery Lot, 1 mile east of Marion, PA Ralph W Horst Manager

THURS AUG 13 - 2 00 P M. Public Sale of Real Estate Held off of Rt 116 between Spring Grove and Menges Mills, PA near Spring Grove High School in Jackson Twp Graybill B and Almena S Hoke Owners Charles L Wehrly Auctioneers

FRI AUG 14, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 14 - 7 00 P M New Holland Sales Stables Summer Holstein Promotional Sale Held at New Holland Sales Stables, New Holland, PA

SAT AUG 15 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

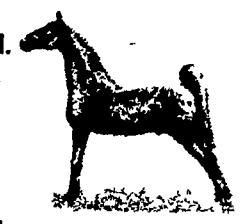
SAT AUG 15 - Little Kutztown Fire Co Consignment Sale 2 miles north of Myerstown; Lebanon Co Local Auctioneers

MON AUGUST 17 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 20 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SPECIAL
DRIVING HORSE SALE
FRIDAY EVENING, JULY 24, 1981

Tack at 6:30 P.M.
Horse Sale 7:00 P.M.
Horses Hitched at 12:00 Noon
at
NEW HOLLAND SALES STABLES, INC.



12 miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Load Driving and Work Horses consigned by Ward Wright.

1 Load Driving Horses consigned by Don Boring.

1 Load Driving Horses consigned by Ben King.

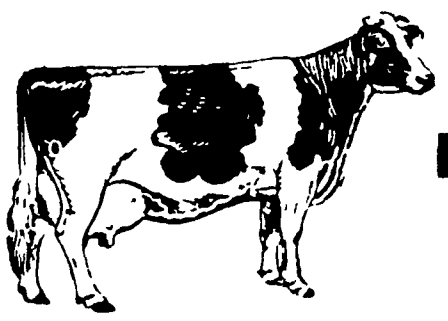
1 Load Driving Horses consigned by Jones Beiler.

1 Load Driving Horses consigned by Clayton Waterbury.

1 Load Driving Horses consigned by Reuben G. Stoltzfus.

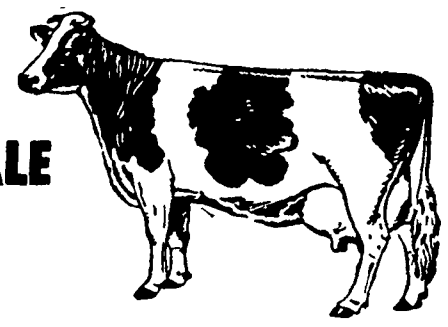
1 Load Driving Horses consigned by Levi S. Stoltzfus.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538



TREAT YOURSELF TO SOME ROYALTY
THE 4TH ANNUAL
PERRY COUNTY PRINCESS PROMOTIONAL SALE
Friday Evening, August 7, 1981 - 7:30 P.M.

45 HEAD OF PERRY COUNTY'S FINEST HOLSTEINS
*** HOME OF THE HIGH COUNTY DHIA AVERAGE IN PENNA. 1980 ***
ALL FRESH OR VERY CLOSE!



Selling at the Art Kling Sale Barn, located 12 miles N. of Carlisle on Rt. 74, 2½ mi. N.E. of Landisburg, Perry Co., Pa.

Sires Represented: Elevation Jemini Betty Chief, Milestone Commander Magic of Lincon Chromeview Jupiter Wis Magician Lift-Off, Kitbuilder, Celebrity Molly Chief, Ideal Loader Moonshot, Jet Stream, Job, Fury Ivan Carlo Citamatt

Service Sires: Valiant, Majesty, Creek Ace, Bell, Sexation, Astronaut, Triple Threat, Keho Eric Matt Jr Magic of Lincon Matador, Jemini

A Special Consignment from the Perry County Jr. Assoc.: Santee-Acres Celebrity Kim, sire by Rocby Elevation Celebrity. Her dam an 85 pt. 30,000 lb. 1000F. Monitor, 2nd Dam 88 pt. 20,000 lb. Galaxy. Proceeds to help sponsor Jr. Assoc. Projects and Developments.

HERE ARE SOME OF THE EARLY ENTRIES:

DANIEL ALBRIGHT sends a 87 pt. Big Apple due to Valiant, dam by Astronaut, Show Cow! plus a Woodbine Milkman from a GP Happy Crusader with 16,000 2nd dam VG Black Eagle with 30,000m 1000f.

KENNETH & JANE BENNER offer a Lift-Off due after sale to Bell, Dam VG with 18,000 2nd Dam with 24,000 836f, 3rd dam VG Kingpin 178,000 6788 lifetime. Big & Straight.

NEKODA VIEW FARM sends a Red Chrome View Jupiter from an R Maple, 2nd Dam Bootmaker due after sale to Triple Threat. A very good Fancy Red one.

DUMBELLE FARMS sends a Carlo due at Sale time to Magic, Dam a Kingpin Granddaughter VG-86 26,000m 1000f, 2nd dam GP 165,000 Lifetime; plus a Milestone due to Clinton Camp Majesty, next 3 dams all VG & all over 22,000m & 700f. (Don't miss her!); also sending a GP-83 Transmitter G.Dau. with 18,000 at 3 yr. Dam VG-88 Senator with 150,000 2nd Dam VG Ivanhoe with 110,000 - Fresh.

DUANE & JUNE HERTZLER send a very fancy Bend-Mead bred heifer due after sale, Dam GP Rocket 1000 Index, 2nd Dam 21,000 VG Star 3rd Dam Kingpin 4-Gem. 1000+ Sires. A Hot One!

JOHN E. BOOK offers a Dumbelle Elevation Correlation due first calf to Startrek, dam by Dina Charm with 20,000 at 2 yrs., 2nd dam Fair Hill Elevator 18,000. One to Watch.

KLINGDALE FARMS sending a Commander from a Lift-Off with 25,000, 2nd dam 16,000 Transmitter. A Good Big Heifer.

RICHARD KRIEBEL, sends a Betty Chief just fresh, dam an 84 pt. (Ex. Mam) Elevation with 19,000, 2nd dam Kate Daughter with 15,800; plus an Ideal Leader due to Triple Threat from a GP Elevation with 15,000 at 2 yr., 2nd dam GP Star, 3rd dam VG Performer.

V. ART KLING is sending an extremely fancy Kit Builder from a 20,000 dam due before sale to Pacemaker Son.

RICHARD MAURER offers a Van just fresh GP 81, 2-06, 16,937m, 656f, dam 19,000 725f, 2nd dam Rosni 17,000 700f.

TIM denDULK sends a 2nd Calf Citamatt with 15,000 559 at 1-10, dam Lift-off with 18,000, 2nd dam 20,000.

DONALD DUM offers a very good Lift-Off with 15,000 from a GP Kingstead Ivanhoe with 18,000. Just Fresh!

BENJAMIN DUM sending an Ideal Leader 1st Calf Heifer from a 20,000 Jet Stream from a 20,000 Vern Dtr., next 2 dams also over 20,000.

MERRIMART FARMS, a Jemini from a VG Lucky with 16,382 666 at 2 yrs., 2nd dam 83 pt. Sterk Ivanhoe with 17,000 660, due after sale to Ace. Also selling a Jemini from a GP Gent dam with 18,000 741 due to Matador, plus a Job from 19,000 Elevation Granddaughter. Will be Fresh.

FRED & NANCY NEELY send a Countdown Dtr. GP-81 with 16,000 at 2 yrs., dam by Elevation, 2nd dam 24,000. FRESH.

CLARENCE MARTIN sends an Astronaut Granddtr. with 14,000 at 3 yr., very fancy udder will be springing to Milu Son.

CARL McMILLEN sends a Big Fancy Commander due to Ace, dam with 18,700 4.1% 775, next dams 17,000 and 22,000, 5th dam Kingpin.

DAVID E. ROTH, JR. sends a VG Ivan A1 with 20,000 2nd dam Pencor GP-83 with 20,000 due after sale to Astronaut.

WAYNE STEPHENS sends a Trump from an Elevation with 18,000 668, 2nd dam Kingpin with 19,000. FANCY HEIFER due after Sale.

RICHARD SMITH sends a Trump from an Elevation GP 82 with 17,000

RAY McMILLEN sends a Fancy Elevation GP-82 at 2 yr. 2nd dam Kingpin 16,000 656, 3rd Dam VG Bellringer with 18,000 629 Should go VG, is fresh.

RICHARD BRATTON sends a Fury Ivan with 638 Fat a 1-10, next 2 dams both over 22,000 and 100,000 Lifetime.

REAMAC FARMS sends two, a Moonshot making 16,000 at 2 yr. dam 83 Bonus 3 time over 20,000, also a fancy Wis Magician from an Astronaut with 15,700 565, next dam 18,000.

HARRY BOOK, Silver Shade SeaGem from 16,000 Dam, Big Heifer.

Kling's Auction Service, Mgrs.
Tom Dum, III, Selector, Fred Naugle, Pedigrees

Sale Sponsored by
PERRY COUNTY HOLSTEIN CLUB

Public Sales Register

Closing Date - Monday, 5.00 P M of each week's publication

AUG 20, 21, & 22 9 30 A M each day Martin's Carriage, Sleigh and Antique Auction at Intercourse, PA Limited to 300 horse drawn vehicles, horse related items, antiques and furniture Martin Auctioneers, 717 354-7006

THURS AUG 20 - 6 45 P M Public Sale of Real Estate Located 1 mile west of Elizabethville, along Rt 209 in Washington Twp, Dauphin Co, PA 6 miles east of Millersburg Charles & William F Botts Owners George & Mike Deibert Auctioneers

THURS AUG 20 7 P M Public Sale of 10 Acre Farmette, Located 214 Skyview Lane, Warwick Twp, Lancaster Co, PA Take Rt 222, Rt 772 (Newport Rd) turn right onto Skyview Lane Terms by S K Shotzberger, Inc T Glenn Horst and Timothy G Horst Auctioneers

FRI AUG 21 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI AUG 21 6 P M Arnold's 19th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273 5880

FRI AUG 21 9 00 A M Public Sale of Excellent lot of Farm Equipment, located 1 mile west of Mercersburg, Franklin Co, PA on Rt 16 Mrs W L Grossnickle Owner J Robert Meyers Auctioneer

FRI AUG 21, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT AUG 22 - 10 00 A M Public Sale of Tools, Household Goods, Antiques, Located 1 mile NE of Intercourse, 3 miles south of New Holland on corner of N Hollander Rd and Ridge Rd Sale by Abner F and Katie Z Beiler Auctioneers - Robert E Martin and Son 656-7770 and Frank L Steller 656 8195

SAT AUG 22 - 9 00 A M 13th Annual Community Sale at the Leesport Auction Grounds, along Rt 61N of Reading Sponsored by Berks Co Powona Grange Farm Equipment, Household Goods and Antiques 7 Auctioneers

SAT AUG 22 10 00 A M Public Sale of Antiques and Collectibles, Household and Misc Items, Chev Impala Located 7 miles north of Hegins, PA, 2 miles west of Rt 125 (Watch for sale signs along Rt 125 day of sale), 3 miles southwest of Franklin Square in the Mahantongo Valley Clifert Hepler Dockey & Dockey Auctioneers

MON AUGUST 24 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED AUG 26 11 00 A M Pennstar Registered and Grade Holstein cow and heifer sale, 60 registered and Grade Holstein sell at the farm, 1 mile south of Quarryville, PA Carl G Troop, VMD Owner Remsburg Sale Service Manager

WED AUG 26 - 6 P M PA 4th Performance Tested Boar Sale held at PA Dept of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College PA 16801 Selling Approx 60 boars

FRI AUG 28, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

FRI AUG 28 Annual Lebanon Co Holstein Club Sale to be held at the Lebanon Area Fairgrounds Harry H Bachman Auctioneer

SAT AUG 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers

SAT AUG 29 9 00 A M 6th Annual Public Sale by the Bareville Fire Co 211 E Main St, Leola, PA Furniture, Quilts, Tools, Dry Goods Groceries

SAT AUG 29 11 00 A M Public Sale of Real Estate, Antiques, Collectibles, Household and Misc Items Located on Rt 147 Main St, Herndon, PA Cloyd E Zeigler Estate Dockey & Dockey Auctioneers

SAT AUG 29 Public Sale of Farm Equipment, Guns and Misc Items at Mary E Forney Farm near Lewisberry, PA West off Rt 83 at Newberrytown exit Ralph W Horst Auctioneer

MON AUGUST 31 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SEPTEMBER

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman, owner

MON SEPT 7 Public Sale of Household Goods, Antiques and Farm Equipment Located along Rt 124 2 miles west of East Prospect, York Co Daniel Hoover Owner Nevin Z Martin and Lewis B Groff Aucts

MON, SEPT 7 - Labor Day Antique Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

THURS SEPT 10 Dispersal of Holstein Dairy Cattle Directions take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E and Paul E Martin, Auctioneers

THURS SEPT 10 Farm Equipment Sale at Horsts Machinery lot, located 1 mile east of Marion, PA Ralph W Horst Manager

FRI SEPT 11, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI SEPT 11 6 30 P M Houvale Farms 7th Yorkshire Production Sale of Bred Gilts, Open Gilts and Boars at the Lebanon Fair Grounds, Lebanon, PA for Info contact Elwood E Houser 717-272-5798 or 273-2921

SAT SEPT 12 - 10 A M Public Sale of Household Goods & Antiques Take Rt 322 East from Ephrata, Pa to Hinkletown, at Hinkletown turn South onto Farmersville Rd, go to T Rd, property on right next to Sensenig's Furniture Sale by Levi M Hoover Auctioneers John E & Paul E Martin

MON SEPT 14 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

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Donald Yost, Atty.
Blakey Yost Bupp & Kilgore
42 East King Street, York, PA 17404
Wm. F.C. Marlow, Jr. Atty.
Marlow & Peddicord
504 Baltimore Ave., Towson, MD 21204

ESTATE AUCTION

VALUABLE INCOME PRODUCING APARTMENT BUILDING

Village of Bryansville, Peach Bottom Township, York Co. Pennsylvania. This highly desirable, 4 apartment, unit is situated on Bryansville Square. An ideal investment property this attractive old landmark could serve as a home with three apartments remaining. There is a large barn on the property that is useful for a garage and storage.

The personal representative will offer for sale on the premises at public auction on

SATURDAY, JULY 25, 1981

At 11:00 A.M. O'Clock

Located on the square, Village of Bryansville, York County, Pennsylvania.

TERMS OF SALE: Cash or certified check deposit in the amount of $3,000.00 will be required of purchaser at time and place of sale.

For further details & legal description and inspection of property, contact auctioneers

Estate of
CARL W. MILLER Deceased
Fay Miller, Personal Representative
JERVIS S. MARSHALL, Auctioneers
3531 Mt. Zion Road
Upperco, Maryland 21155
301-239-8187

PUBLIC AUCTION

OF HEIFERS & FARM MACHINERY

SAT., JULY 25

11 a.m.

Located 1 mile east of Strasburg along Rt. 896, first farm on the left.

Registered Arlinda Chief Jemini and Lawcrest Marvex Twin bred to Marvex, due October. Arlinda Jet Stream bred Elevation due November. Identified grades- 2 Toppers, 1 Willie Star, 1 Ideal Superior, 1 Snowman-all bred to Marvex, due Aug. and Sept. Several grade heifers due Aug.-Nov. 1 bred to Elevation. Open Heifers.

8 gas tractors-Int. 140, new cond. with 1 pt. hookup cultivators, plow, platform, disc harrow; Int. 656 fast hitch, WFE; Farmall W6 w/TA and PTO; Farmall 300; Farmall 200 fast hitch with cultivator; Ferguson 30 w/3 pt. hitch; Farmall F20 and F12. 1978 Odyssey Honda, 250 cc engine, all terrain vehicle. 2 row Int. 650 harvester with recutter, like new; 1 row Int. 350 harvester; Int. 1 pr cornpicker; Int. 531 4 btm. plow, new; JD corn binder, PTO; Int. fast hitch 2 row cornplanter; comb. roller/harrow; Int. fast hitch disc harrow; Ferguson 3 pt. 8' spring harrow, good cond.; Int. 440 baler; JD hay fluffer; McCormick-Deering grass seeder, 7'; NI model 101 lime spreader, Dunham cultipacker; NI manure spreader, ground driven; Bush Hog 14 h.p. hydrostatic drive w/48" mower, reel type power mowers; mower knives; Troybilt rototiller, 6 h.p., new; Hahn Eclipse tiller, 3½ hp; belt drive circular saw; chain saw; garden duster, fast hitch, spray frame and boom; tractor radio; tires and rims size 12-15; bag wagon, wheelbarrow, cattle racks for 8' pickup; tool box for pickup; tool set; platform scales, shovel harrow, oil barrel with hand crank; dog house; poultry equipment; hog feeder; Star 8 can milk cooler; 3 sets of double and 2 sets single tobacco ladders; tobacco lathes; tobacco clippers and spears; some hay.

Many items too numerous to mention. Not responsible for accidents day of sale. Refreshments available.

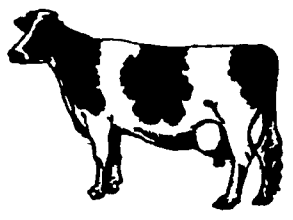
No out of state checks.

Terms By
EUGENE M. ROHRER

Auctioneers:
Lloyd H. Kreider
Randal V. Kline
Gary L. Shirk

KREIDER & KLINE AUCTION SERVICE

SPECIAL HOLSTEIN DAIRY SALE



TUESDAY, JULY 21

8 P.M. D.S.T.
To be held at
SMOKETOWN QUALITY DAIRY SALES
Route 340, Smoketown, PA.

5 mi. East of Lancaster - 5 mi. West of Intercourse.

One load of fancy Reg. and Grade. Fresh and Springing cows and heifers. Out of New England states. Cows milking 50-70 lbs. milk per day.

Special Mention - Twenty-eight cows out of New York State - 100 head Dispersal. Cows due July - August. Four head out of Vermont Dispersal and Six cows out of Mass. dispersal. Some cows with records from 17,000M. to over 19,000 lbs. of milk.

Sires include - Canyon View Rock Shane - Bred to Thonyma Starcraft. Record - 3 yr. 3 m. incomplete Estimated 17,089M. 606F. Dams records - 3 yr. 9 m. 282d. 18,690m. 591F. - 4 yr. 8 m. 300d. 20,535m. 620F. 5 yr. 7 m. 310 d. 21,358m. 668F.

Sire - G.P. Raylane Man-O-War - Bred to A-Lime Hollow Admiral. Sire - Born - 2-20-78 Zion - Meadows Admiral.

Sire - Born 8-29-78 Reynoland Cockney Prince.

Also selling - Fresh 1st calf heifer - Grade - Her sire son of Gay Ideal. Dam made from 12,000 to 14,000 lbs. m.

Vacc - Grade Heifer - just bred to Son Elevation - out of an Ex. Bootmaker Dam - record 22,950m. 707F.

Vacc - open Heifer Grade - ready to bred, sired by Senog Double Benafactor Chief. Dam Est. 15,000m. 565F.

Bulls to be sold at beginning of sale.

Reg. Holstein Bull - Marvex out of Jerry Daughter V.G. 89 as 3 yr. old over 18,000m. 650F. Proven Bull dam could go EX. Grade Holstein Bull - Sire Marvex - Born Nov. 1979. Dam-Pawnee Farm Arlinda Chief.

Records - 2 yr. 5 m. 368d. 16,393m. 4.4T 712F.

2nd Dam - Astronaut - 14,309m. 535F.

3rd Dam - Ivanhoe - 17,689m. 650F.

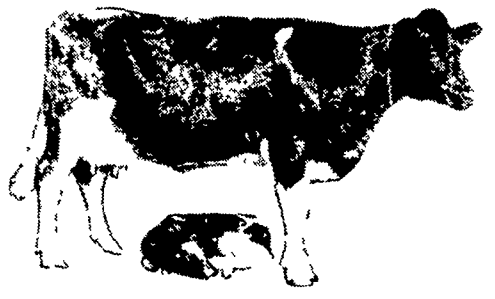
Grade Holstein Bull - Sire Sky Lark Comet - Dam over 49%.

Cows milked at Regular time.

Cash or good check night of Sale.

Sale by,
GORDON W. FRITZ
717-393-0930

Carl Diller - Paul Snyder Auctioneers
Henry Kettering, Pedigrees
Lunch Bird-in-Hand Auxiliary



COMPLETE HERD DISPERSAL

Held at Shady Lane Dairy Sales, Inc. ¼ mile west of Quarryville on Oak Bottom Rd.

THURSDAY, JULY 23

8:00 P.M. DST

130 Head of Registered & High Grade Holsteins

This sale consists of a Herd Dispersal of 60 Head fresh & springing, all stages of lactation. A lot of summer & fall young cows, you will be buying this herd in their working clothes, due to quick sale. Also small herd of 21 Virginia cows, mostly fresh and springing with several fall cows.

A real group with cows weighing up to 1600 lbs.

Also 10 head from New Jersey herd due this summer and fall 40 head of close and fresh cows bought form farm dispersals

Special Mention

6 Registered & Grade stock bulls. Including 2 Marvex twins with dams records of 23,675M 3.7% test and 872F.

Farmers and dealers—if you want good cows or stock bulls plan to attend this sale This is the place where you make the price No cows sold prior to sale. All must go

Free transportation to Lancaster Co Amish. Must call by sale day

Owners,
SHADY LANE DAIRY SALES, INC.
Glenn & David Fite
717-786-2750 or 1725

AUCTION

24½ ACRE LANCASTER COUNTY FARM
FINE ANTIQUES & COLLECTIBLES
Strategically located ½ mile off Route 30, 1964 Millport Road, East Lampeter Twp., Lancaster Co., PA.

SAT. MORN., JULY 25

PP 10:00 AM - RE 1:00 PM

As 10 Parcels, Combinations, or Entirety. 9 Building Lots & 10 Acre Farmstead Approved & Recorded.

PARCEL #1: 1825 Pointed Fieldstone Home, Modern Kitchen, Living Room, Dining Room, 2 Full Baths, 5 Bedrooms, 1 with Fireplace, Stone & Frame Bank Barn, Tobacco Shed.

PARCEL #2: 5.75 Acre Building Lot.

PARCELS #3 thru #10 Are approximately 1 Acre Each.

LOCATION: 1.5 Miles East of Lancaster on Route 462 (Lincoln Hwy.) to Intersection of Strasburg Pike. Turn South ¼ Mile to Millport Road.

TERMS: R.E. 15% Deposit. Settlement 60 Days. 25% Financing Available to approved buyers on Parcels 2 through 10 individually. P.P. Cash.

INSPECTION BY APPOINTMENT, BROKER PARTICIPATION INVITED.

ANTIQUES, TOOLS & EQUIPMENT

Fancy China Closet w/Mirror top & back & Lion's heads, Early county Clothes Cupboard dbl., doors & 3 drawers w/Ogee Feet. 2 - 4 pc. Bedroom Suite, 1 Oak-1920's, Walnut Clothestree, Tables, Washstands, Chairs & Rocker, Early Singer Elec. SM Flour Bin, Motif Throw Rugs, 3 Reverse Glass Paintings in Ornate 2 Dolls-1 sleep eyes stuffed body leg, Baby Doll, 1 Solid Composition w/painted Kewpee Eves, Several pcs. Black Silk Antique Clothing in good condition, Fur Pieces, Hat Pins, Patchwork Quilts & Comforters, Antique China & Glassware, Jugs, Crocks, & Many other exceptionally clean collectible items.

EQUIPMENT: Farmall H. Tractor, Wooden Trailer, Chain Saw, Disc, Snow & Wire Fencing, Cement Mixer, Kayak, Barngate, Old Iron Manure Hook, Assorted Tools & a Lot of Miscellaneous Clean Equipment.

FOR INFORMATION/BROCHURE CALL

GIRVIN & GEYER AUCTION COMPANY
500 DELP ROAD, LANCASTER, PA.
717-569-6655
MEMBER - NATIONAL AUCTIONEERS ASSOCIATION

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

THURS SEPT 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI SEPT 18, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT SEPT 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 21 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS SEPT 24 - Public Auction of 102 acre limestone farm Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H. Nolt John E and Paul E Martin, Auctioneers

FRI SEPT 25, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

MON SEPT 28 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES EVE SEPT 29 - Franklin Cumberland Co Holstein Sale at Shippensburg, PA Fairgrounds, Ralph W Horst and Fred M Naugle Sale managers

OCTOBER

THURS OCT 1 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON OCT 5 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT OCT 10 10 00 A M Special Heifer Sale Selling Approx 700 800 head Held at New Holland Sales Stables, New Holland, PA

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT OCT 17 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT OCT 17 - 2 P M Selling a 35 Acre Farm Location, Take Rt 272 north from Ephrata to Schoeneck Road, turn left to town of Schoeneck, turn left toward Mt Airy, 2 miles to Girl Scout Rd Then right to W Girl Scout Rd, turn left to 1st farm on right Owner-Lydia Jane (Hurst) Martin Auctioneers John E and Paul E Martin

MON OCT 19 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED OCT 28 9 00 A M Judging, 11 00 A M Sale Annual Show and Sale Held at New Holland Sales Stables, New Holland, PA

NOVEMBER

MON NOV 2 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI NOV 6 6 P M Arnold's 20th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273-5880

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS NOV 19 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS NOV 19 - Public Auction of Full Line of Farm Equipment Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E and Paul E Martin, Auctioneers

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 23 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 30 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

DECEMBER

FRI DEC 4 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON DEC 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT DEC 19 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

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RD 1, Water St. Ephrata
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COWS — CALVES

MELVIN KOLB, INC.

WE HAVE ON HAND PUREBRED AND GRADE HEIFERS AND COWS THAT WILL SATISFY THE MOST PARTICULAR DAIRY FARMER.

COME IN AND SEE OUR LARGE SELECTION.

WE FEEL WE CAN PLEASE YOU WHATEVER YOUR NEEDS.

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2220 Dairy Road
Lancaster, Pa.
717-569-2106 or 569-6800
Dennis Kolb, Mgr.

MEL KOLB
Res. 717-393-7459

Maryland Farm
Woodsboro, MD
301-898-7720 or 898-7663
Tom Miller, Mgr.

MONTHLY COW SALE AT LANCASTER 1ST THURSDAY, AUG. 6 AT 7:30 P.M.

MONTHLY COW SALE AT MARYLAND 3RD THURSDAY, AUG. 20 AT 7:30 P.M.

Good's Auction

111 North Maple Ave.
Leola, PA

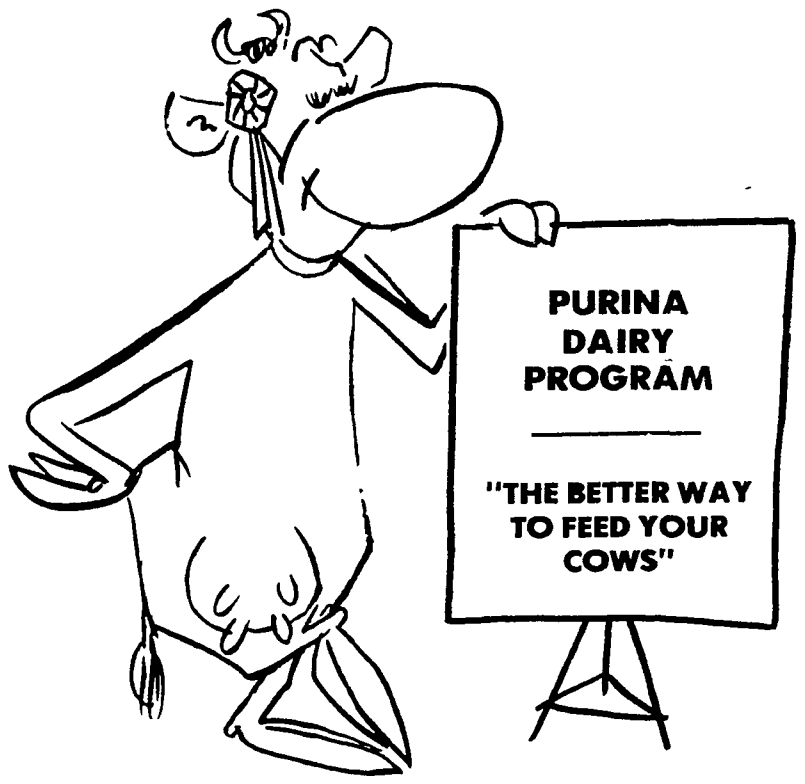
Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558



LANCASTER COUNTY

"DAIRY BREAKFAST MEETINGS"

SPONSORED BY RALSTON PURINA AND YOUR LANCASTER COUNTY PURINA DEALERS

AGENDA

7:30 A.M. - Breakfast Is Served
(Ham and Eggs)
8:00 A.M. - Dairy Meeting Begins
9:30 A.M. - Meeting Is Over

TOPICS

- New "Milk Generator" Products
- Butterfat Improvements
- 14,000-16,000 lb. First Calf Heifers
- Dry Cow - Your Key To Success

DAIRY BREAKFAST MEETING SCHEDULE

HESS MILLS

Wed. -	July 15 -	Georgetown
Thurs. -	July 16 -	Georgetown
Fri. -	July 17 -	Georgetown
Fri. -	July 24 -	Kinzers
Fri. -	July 31 -	Kinzers
Fri. -	Aug. 7 -	Ronks

WEST WILLOW FARMERS ASSOC.

Wed. -	July 22 -	Kirkwood/Quarryville
Mon. -	July 27 -	West Willow
Wed. -	Aug. 5 -	Little Britain/Wakefield
Wed. -	Aug. 19 -	Kirkwood/Quarryville

KEYSTONE MILLS

Monday -	July 20 -	Manheim/Mt. Joy
Thurs. -	July 23 -	Terre Hill/Martindale
Tues. -	July 28 -	New Holland
Thurs. -	July 30 -	Quarryville
Tues. -	Aug. 4 -	Honey Brook

HIGH BROS.

Wed. -	July 29 -	New Holland
Thurs. -	Aug. 6 -	Strasburg
Tues. -	Aug. 11 -	Intercourse

McCRACKEN'S

Tues. -	July 21 -	Leola
Wed. -	Aug. 12 -	Manheim
Tues. -	Aug. 18 -	Lititz

MAKE YOUR RESERVATION TODAY

CONTACT YOUR LANCASTER COUNTY PURINA DEALER

HESS MILLS
PHONE 717 442 4183
717 768 3301
PARADISE, PA 17562

KEYSTONE MILLS
John B Kurtz
PHONE 717-354-4616 717-738-1088
RD3, EPHRATA, PA 17522

WEST WILLOW FARMERS ASSN., INC.
PHONE: 717-464-3386
WEST WILLOW, PA 17583

HIGH BROS.
PHONE 717-354-0301
GORDONVILLE, PA 17529

McCRACKEN'S FEED MILL, INC.
PHONE: 717-665-2186
2 NEW CHARLOTTE ST., MANHEIM, PA 17545